

The 50 MHz DX Bulletin

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The 50 MHz DX Bulletin was founded by Harry Schools KA3B. It is dedicated to the understanding and utilization of long distance propagation in the 6-meter Amateur band. The current editor and publisher is Victor Frank, K6FV. Subscription rates are \$20 U.S. third class mail, \$25 U.S./Canada/Mexico airmail, \$25 by surface and \$30 by airmail elsewhere for 12 issues. Circulation matters and DX reports should be sent to Victor R. Frank, K6FV, 12450 Skyline Blvd., Woodside, CA 94062-4541 USA or to P O Box 762, Menlo Park, CA 94026 USA. My Internet address is frank@sneezy.sri.com. The bulletin may be freely quoted, provided that credit is given.

Has Solar Cycle 23 Begun?

Jim, K6MIO, passes along some more opinions about when Cycle 22 did, or will, reach minimum. "Our friends at the San Fernando Observatory put this out recently:

We believe that solar minimum occurred in March of this year. We base that on a minimum in the area of K-line faculae observed with our photometric telescopes at the San Fernando Observatory. If this minimum remains, then cycle 22 will have lasted from September 1986 to March 1996.

On the other hand, a colleague with the Solar Physics Research Corporation, Dr. Karen Harvey (and sister to N6CA, by the way), comments:

All of the parameters monitoring activity levels continued to decrease through June. Sunspot numbers and 10.7 cm flux increased a bit in July and August; but CaII, K-Index, and 10830 equivalent width decreased in the time.

Also in the last 11 cycles, the first appearance of sunspot regions of the new cycle has always occurred before sunspot minimum. Confirmed cycle 23 regions were not observed until May 1996. I think we are getting very close to minimum: my guess is sometime between September and December 1996. Time will tell who is right!! Whenever we think we know what the Sun is doing, it seems to prove us wrong.*

(* However, it is also true that John, VK6ZOX, and his folks at the Learmonth Solar Observatory and the group at the Big Bear Solar Observatory (CA) believe they saw Cycle 23 spots several months earlier. Others have challenged this identification, saying they were "rogue" spots.)

Jim Kennedy K6MIO, National Solar Observatory"

Tom Kirby, W1EJ, Silent Key

Tom passed away August 2 after a long fight with cancer. He was an ardent VHFer and a key player in the New England Conference, etc. His presence and contributions will be missed.

The 50 MHz DX Window

Emil Pocock, W3EP, Editor of The World Above 50 MHz, passed along a letter he has been circulating among selected six-meter operators, primarily in the United States. He hoped that we could initiate discussions concerning the six-meter DX window with the intent of forging an eventual consensus that we could all support. Judging by the ratio of heat/light this subject has produced in the past and the

relatively low exposure this bulletin has compared to QST and CQ, I do not feel that we can do much more than alert our readers to what is "in the wind."

Emil writes, "To gain the wide appeal necessary to make a proposed revision to the DX window work, it ought to be incorporated into the ARRL Band Plan. That requires endorsement of the ARRL Spectrum Committee and approval by the full ARRL Board of Directors. All that takes time, but it will be possible if the proposal is sound and it is clear it has widespread support among six-meter operators across the country."

In this month's bulletin, we will present the results of two preliminary surveys, one conducted by SMIRK, and the other over the Internet by Bob Mobile, WA1OUB.

The SMIRK CSVHF Survey

Summary of discussion of 6 meter band plan at SMIRK breakfast following CSVHF Conference in Bloomington, MN, July 28, 1996.

Jim Treybig, W6JKV, discussed the DXers' viewpoint of the present DX window, concluding that the window desperately needs to be expanded. He based his opinion not only on his own experiences, but on the explosive expansion of 6 meter operators in Europe.

After considerable discussion, a straw-vote was taken on the following items:

Should the present DX window (50.1-50.125) be expanded?
Yes 25, No 0.

To where should it be expanded?

50.150	1
50.175	1
50.200	23

Should a DX calling frequency continue to exist?
Yes 23, No 2.
No conclusion was reached on what this frequency should be.

With respect to suggestions that the present DX Window is for intercontinental DX only, members voted as follows:
Yes 1, No 24

Pat Rose, W5OZI, Secretary- SMIRK.

The Internet Survey

Bob Mobile's survey started out small, questioning whether the DX Window should be restricted to Intercontinental QSOs (as it is supposed to be in Europe) or whether the original "DX" convention was OK. Alternative ideas were solicited. By the time for final tally was taken, ten proposals were being "voted" upon.

Some voted for multiple issues--but that's OK since this was survey to determine the "pulse." There were exactly 100 points cast on the issue of only the DX Window.

(Continued on page 11)

June-August 1996 DX Reports

The following reports of 50 MHz and higher DX propagation are courtesy of G4UPS, SM7AED's *Six-metre Info* (which carries SM7FJE's reports), JA1VOK's columns *World VHF News* in PFIVE NINE and *V,UHF DX Topics* in MOBIL HAM, GJ4ICD (marked with #), G3OIL, ZL1MQ, LW5EJU, ON4KST, VE7SKA, K6QXY, W6YKM, KD6WVL, W0MTK, K0GU, NL-213, and postings on the Internet. Apologies to any sources I may have inadvertently neglected.

The first entry is *mmddhhii*, where *mm* is the month, *dd* is the day of the month, *hh* is the hour UTC, and *ii* is the minutes after the hour. The year is understood to be 1996. A + to the right of the time indicates the observation was one of several in a time period and is probably later than the time reported. A ~ indicates approximate time. The grid square of the observing station may occur after a > symbol; however a time after > indicates the opening was still in progress at this time. A t indicates tentative identification of a TV station. Symbols just before the call of the reporting station include: V=Video Carrier, I=Inband video sidebands, F=FM audio, B=beacon, C=CW, S=SSB, W=mode not mentioned, H=heard only.

Reports of Africa

ASCENSION IS.

06171910 8D8VHF II12 > JO21 50.0325 B NL213

CANARY IS.

06201219 EH8BFX IL18 > JO21 > CY0AA H NL213
06211052 EH8ACW 59/55 IL28 > JO65 S SM7FJE
07011941 EH8BFX 59 H G4UPS
07071820 EH8ACW IL28 > JO66 SM7AED
07101710 EH8ACW 56 H G4UPS
07101908 EH8BFX 59+ H G4UPS
07141100 EH8BFX 57 H G4UPS
07161811 EH8ACW 59/59 IL28GC S G4UPS
08121913 EH8BFX IL18 > IO91 S G3OIL
08132100 EH8BFX > FN31 W W51V
08132200 EH8BFX 57 > FN21 -2215 W W2QXF

CEUTA & MELILLA

06150757 EH9IB IM85 > G1KTS/P .150 H NL213
07101707 EH9IB 59+ H G4UPS
07141921 EH9IB 57 -1935 H G4UPS
07222048 EH9IB 55 -2110 H G4UPS
08041007 EH9IB IM85 > IO91 S G3OIL

LIBYA: SM7AED writes that LZ1WR, LZ3HH, LZ1ZF, and LZ1JO were planning to work from 5A on 160-6m some time in July and August.

MADEIRA IS.

06131823 CT3FT IM13 > JO65 SM7FJE
06171750 CT3FT IM13 > JO21 > KP4XS/4 H NL213
06211000 CT3FT IM13 > JO65 SM7FJE
07031331 CT3AB 57/51 IM12NP 469 S EH8BFX
07100828 CT3FT 57/55 IM13 CEDRIC S G4UPS
07101050 CT3FT > JO65 SM7AED/
07102157 CT3BD 59/59 IM13 -567 S EH8BFX
07112029 CT3BD 59/59 IM12 -456 S EH8BFX
07131613 CT3BJ 53/53 IM12NP 469 S EH8BFX
07131617 CT3AB 53/53 IM12NP 469 S EH8BFX
07141020 CT3FT 59/59 IM13 -567 S EH8BFX
08132100+CT3FT > FN31 W W51V
08161949 CT3BJ IM12 > IO91 S G3OIL

MOROCCO

07121607 CN8LI 55/57 IM64BA 1101 S EH8BFX

ZIMBABWE

07301930 822

OE5IQ

Reports of Asia (Middle East)

CYPRUS

07061435 5B4/PA0ERA KM64 > JO66 W SM7AED
07061436 5B4/PA0ERA KM64 > JO65 SM7FJE
07071729 5B4/PA2HJS KM64 > JO66 SM7AED
07131558 5B4/PA2HJS KM64 > JO65 SM7FJE
07131606 5B4/PA2HJS KM64 > JO66 SM7AED
07131730 5B4YX KM64 > JO66 SM7AED
07140745 5B4/PA0ERA 449 H G4UPS
07241325 5B4CY > JO65 B SM7AED/

GEORGIA

06161800 4L6PA LN21 > PA3DWD 50.123 H NL213
06201055 4L6PA -1142 JN21 > JO65 H SM7FJE
06221225 4L6PA 559/559 LN21 > JO65 C SM7FJE
06230720 4L6PA LN21 > JO65 SM7FJE
06231637 4L6PA -1810 LN21 > JO65 H SM7FJE

ISRAEL

06041750 4X1IF KM72 > JO65 SM7FJE
06150608 4X1IF KM72 > PA0HIP 50.110 H NL213
06150725 4X1IF 59/59 KM72 > JO65 S SM7FJE
06150737 4X6UW KM72 > JO65 SM7FJE
07131556 4X1IF KM72 > JO66 SM7AED
07161736 4X1IF KM72 > JO65 SM7AED/
07161748 4X1IF 559 H G4UPS
07241324 4X1IF > JO65 W SM7AED/
07301746 4X1IF KM72 > JO65 SM7FJE

KUWAIT: G4UPS writes that he heard a number of Italian stations working a new Kuwait 6m station, 9K2CA, during early July; but that he has no reports of his working into the UK.

LEBANON: OD5SB, Rami, is now QRV from OD5RAK, KM74wk with 10W and a GP. Look for him around 50.110 from the same QTH as OD5SIX. His packet address is OD5SK@OD5RAK.LBN.MDLE Tnx SM7AED

07131614 OD5RAK KM74 > JO65 SM7FJE
07131614 OD5RAK KM74 > JO66 SM7AED
07241323 OD5SIX KM74 > JO65 50.074 B SM7AED/

Reports of Asia (Far East)

CHINA

07260428 BOOKS OL94 > PM85 50.110 S JE2DWS

HONG KONG

08030206 VR2EXY > QM05 sabb 50.110 S JA1VOK
> PM53 sabb 50.110 S JA6TEW
08030214 VS6BG > QM05 sabb 50.110 S JA1VOK
08040132 VR2EXY > PM95 sabb 50.110 S JH1WHS
08040134 VR2EXY > QM05 sabb 50.110 H JA1VOK
08040530 VR2EXY > QM05 sabb 50.110 H JA1VOK
08040853 VR2EXY > PM78 sabb 50.110 S UA0CQ
08050217 VR2EXY > PM85 sabb 50.110 H JE2DWS
08071019 VR2EXY > PM85 sabb 50.110 H JE2DWS
08080242 VR2EXY > PM84 sabb 50.110 S JE2DWS/2
08100350 VR2XRW > PM53 sabb 50.110 H JA6TEW
08100737 VS6XVD > PM63 sabb 50.110 S JA5CMO
08100739 VS6XVD > QM05 sabb 50.110 S JA1VOK
08100903 VR2EXY > QM05 sabb 50.110 H JA1VOK
08100935 VR2XRW > QM05 sabb 50.110 H JA1VOK
08100938 VR2XRW > PM95 sabb 50.110 S JE1TGN
08110837 VS6XSF > QM05 sabb 50.110 H JA1VOK
08110941 VR2EXY > QM05 sabb 50.120 H JA1VOK
08110941 VS6XSC > QM05 sabb 50.120 H JA1VOK
08110945 VS6XMT > QM05 sabb 50.120 H JA1VOK
08151025 VR2EXY > PM85 sabb 50.110 H JE2DWS
08151036 VS6XMT > PM85 sabb 50.110 H JE2DWS
08151119 VR2EXY > QM05 sabb 50.110 H JA1VOK
08162345 VR2IL > PM85 sabb 50.110 H JE2DWS
08170007 VR2EXY > PM85 sabb 50.110 H JE2DWS
08170128 VS6XVD > PM85 sabb 50.110 H JE2DWS
08170144 VS6XVD > QM05 sabb 50.110 H JA1VOK
08170145 VR2EXY > QM05 sabb 50.110 H JA1VOK
08170407 VS6XSF > PM85 sabb 50.110 H JE2DWS
08171010 VR2EXY > QM05 sabb 50.110 H JA1VOK
08171015 VS6XSF > QM05 sabb 50.110 H JA1VOK
08171039 VR2EXY > PM85 sabb 50.110 H JE2DWS
08171225 VS6XSF > PM85 sabb 50.115 H JE2DWS

JAPAN

08040903 J76CCU > PM78 sabb 50.110 S UA0CQ
08040937 J76VSP > PM78 sabb 50.112 S UA0CQ
08040953 J76RAH > PM78 sabb 50.115 S UA0CQ

KOREA,S.

07280046 HL2TP > PM78 sabb 50.120 S UA0CQ
08040950 HL1LTC > QM05 sabb 50.110 H JA1VOK
08041140 HL1LTC > QM05 sabb 50.110 H JA1VOK
08070300 HL1LTC # JL4GTO
08070303 HL1LTC > PM85 sabb 50.130 H JE2DWS

08070444 HL2DIB > PM85 sabb 50.230 S JE2DWS
08080322 HL1LTC > PM84 sabb 50.110 S JE2DWS/2
08100527 DB5ASL > QM05 sabb 50.240 S JA1VOK
08100535 HL2GS > QM05 sabb 50.160 H JA1VOK
08100543 HL2TF > QM05 sabb 50.200 H JA1VOK
08110043 HL5JQM > PM76 sabb 50.270 S JA3JTG
08110649 HL1LTC > QM05 sabb 50.125 S JA1VOK
08120300 HL1LTC > PM95 sabb 50.110 H JE1TGN
08151117 HL2TF > QM05 sabb 50.110 H JA1VOK
08160925 HL1LTC > PM85 sabb 50.110 H JE2DWS
08170321 HL1LTC > PM85 sabb 50.110 H JE2DWS
08171407 HL1LTC > QM05 sabb 50.110 S JA1VOK

RUSSIAN FEDERATION (ASIA)

07260226 UA0CQ > PM76 sabb 50.110 S JA3JTG
07280041 RW0CD > QM05 cw 50.110 H JA1VOK
07280041 UA0CQ > QM05 sabb 50.120 H JA1VOK
07280450 RW0CD > QM05 cw 50.110 H JA1VOK
07280800 RW0CD > QM05 cw 50.110 H JA1VOK
07280939 UA0CQ > QM05 sabb 50.110 H JA1VOK
08040845 UA0CQ > QM05 sabb 50.110 S JA1VOK
08040903 UA0CQ > PL36 sabb 50.110 S J76CCU
08040937 UA0CQ > PL36 sabb 50.112 S J76VSP
08040938 RW0CD > PL36 sabb 50.112 S J76VSP
08100316 RW0CD > QM05 sabb 50.110 H JA1VOK
08102345 RW0CD > QM05 cw 50.110 H JA1VOK
08110046 RW0CD > PM76 cw 50.110 H JA3JTG
08110059 UA0FL QM16 > QM05 50.157/28 S JA1VOK
08110118 UA0FL > PM63 50.157/28 S JA5CMO
08110122 UA0FL > PM53 50.167/28 S JA6TEW
08130121 RW0CD > PM85 sabb 50.145 H JE2DWS

TAIWAN

08010408 BV2FG > PM85 cw 50.110 H JE2DWS
08020308 BV2FG/b > PM85 cw 50.001 B JE2DWS
08020634 BV2FG/b > PM85 cw 50.001 B JE2DWS
08030200 BV2FG/b > PM53 cw 50.001 B JA6TEW
08030246 BV4PK > PM83 sabb 50.110 S JA6TEW
08030256 BV4PK > PM85 sabb 50.110 H JE2DWS
08040054 BV5HH > QM05 sabb 50.125 S JA1VOK
08040216 BV2BR > QM05 sabb 50.110 H JA1VOK
08040553 BV3FG > QM05 cw 50.110 H JA1VOK
08040718 BV2BR(by S) > QM05 50.120 H JA1VOK
08040950 BV5HH > QM23 sabb 50.125 S JG8WJ
08061124 BV5HH > QM05 sabb 50.125 H JA1VOK
08061125 BV2FG > QM05 cw 50.120 H JA1VOK
08061139 BV5HH > PM76 sabb 50.125 S JA3JTG
08091009 BV4PK > PM95 sabb 50.110 S JE1TGN
08091036 BV2AB > PM95 sabb 50.110 S JE1TGN
08091048 BV5HH > PM95 sabb 50.120 S JE1TGN
08091159 BV4PK > QM05 cw 50.110 H JA1VOK
08091316 BV4PK > PM76 sabb 50.110 S JA3JTG
08100613 BV2FG/b > QM05 cw 50.001 B JA1VOK
08100937 BV5HH > QM05 sabb 50.125 H JA1VOK
08100950 BV4PK > PM53 sabb 50.110 H JA6TEW
08100950 BV4PK > QM05 sabb 50.110 H JA1VOK
08100950 BV5HH > PM53 sabb 50.125 S JA6TEW
08101104 BV2BR > QM05 sabb 50.120 S JA1VOK
08110435 BV2FG/b > PM76 cw 50.001 B JA3JTG
08110825 BV5HH > QM03 sabb 50.125 S JA8RC
08110839 BV5HH > QM05 sabb 50.125 H JA1VOK
08110906 BV3FG > QM05 sabb 50.110 H JA1VOK
08110934 BV2HL > QM05 cw 50.120 H JA1VOK
08110942 BV2FG > QM05 cw 50.105 H JA1VOK
08111008 BV4PK > QM05 sabb 50.110 S JA1VOK
08111010 BV3FG > PM95 sabb 50.115 S JH1WHS
08111020 BV4PK > PM95 sabb 50.110 S JH1WHS
08150220 BV2FG/b > PM76 cw 50.001 B JA3JTG
08170959 BV5HH > QM05 sabb 50.125 H JA1VOK
08171000 BV5HH > PM85 sabb 50.125 S JE2DWS
08171048 BV2FG > PM85 cw 50.115 H JE2DWS
08171058 BV2FG > QM05 cw 50.115 H JA1VOK
08171435 BV4CQ > QM09 sabb 50.195 S J71KU
08190940 BV2FG/b > QM05 cw 50.001 H JA1VOK
08190947 BV2OH > PM63 50.110 S JA5CMO
08190950 BV2OH > QM05 sabb 50.115 S JA1VOK
08190956 BV2OH > PM53 sabb 50.115 S JA6TEW
08191005 BO2AB/BV2 > QM05 sabb 50.110 H JA1VOK
08191013 BV2BR > QM05 sabb 50.135 H JA1VOK
08191017 BV5HH > QM05 sabb 50.125 H JA1VOK
08191105 BV4PH > QM05 cw 50.110 H JA1VOK
08191110 BV4PK > QM05 sabb 50.110 H JA1VOK

Reports of Europe

EUROPE GENERAL

07020500 EUR INBAND TV FROM S I SM7AED
07021054 EUR INBAND TV I G4UPS
07060725 EUR INBAND TV I G4UPS
07071700+EUR INBAND TV STRONG I G4UPS
07100645 EUR INBAND TV I G4UPS
07111030 EUR INBAND TV I G4UPS
07160717 EUR INBAND TV STRONG I G4UPS
07161046 EUR & 1128 TV STRONG AGH I G4UPS
07161645+EUR INBAND TV I G4UPS
07260734 EUR INBAND TV I G4UPS
07262105 EUR INBAND TV I G4UPS
07270715+EUR INBAND TV STRONG I G4UPS
07301913 EUR INBAND TV I G4UPS
08062100+EUR7 506SC OM/MIN 50.002 H SMOKAK
08141915 EUR VID -2030 > DM43 48.25 V W7RV

ALAND IS.

07031920 OHORKE 59/57 JP90XG LEIF S G4UPS
07051847 OHORKE JP90 > JO65 SM7FJE
07061910+OH0JET 59 H G4UPS
07231700+OH0AA JP90>JO66 -2100 579 SM7AED
07231700+OH0AB JP90>JO66 -2100 595 SM7AED
07300833 OH0JET 57/57 JP70XG ANDY S G4UPS

AUSTRIA

07020810 OE6HS 55, OE6MHS 59 G4UPS

07020949 OE6TAG 59/59 JN77RA ALEX S G4UPS
07021905+OE8HAQ 59 G4UPS
07071754+OE8WIG 59 H G4UPS
07080836 OE8BNG 55 -0845 S H8BSPX
07101922 OE8LOG 59/59 JN76 -3393 S H8BSPX
07140728 OE8BNG 599/599 JN77JE C G4UPS
07160722+OE8BNG 559 H G4UPS
07160722+OE8LOG 59 H G4UPS
07161342+OE8MHS 59 H G4UPS
07161422 OE8PMC/8 59/59 PETER S G4UPS
07161501 OE8TAG 59 H G4UPS
07251231 OE2UKL 59/59 -1245 S G4UPS
07261204+OE8BNG 59 -1215 H G4UPS
07271946 OE5XBL 59 -2005 H G4UPS
07280843 OE5XBL 59/59 JN67 -0855 S G4UPS

BALEARIC IS.

06150902 EH6FB JM09 > FIDLE 50.125 H NL213
07011543+EH6/EH4BG JM19 > JO66 H SM7AED
07011553+EH6SA 599 G4UPS
07011558 EH6/EH4BG JM19 > JO65 SM7FJE
07011625 EH6/EH4BG 59 G4UPS
07020920 EH6/EH4BG JM19 > JO66 SM7AED
07021915 EH6SA JM19 > JO66 SM7AED
07061023 EH6/EH4BG JM10 > JO65 SM7FJE
07081459 EH6SA 57/57 JM19KO -1505 S G4UPS
07081824 EH6SA 579 H G4UPS
07081840 EH6/EH4BG 59/59 JM19 S G4UPS
07090927 EH6/EH4BG 59/59 JM19 -0940 S G4UPS
07091312+EH6/EH4BG JM10 > JO65 SM7AED/
07091635 EH6/EH4BG JM10 H G4UPS
07101657 EH6SA 599 H G4UPS
07101702 EH6/EH4BG 59/59 JM19 DAVE S G4UPS
07101805 EH6/EH4BG/P 59/59 JM29 S G4UPS
07101905 EH6/EH4BG 59/59 JM20 S G4UPS
07111002 EH6/EH4BG 59/59 JM10 S G4UPS
07140928 EH6IF 55/55 JN20BA S G4UPS

BELARUS

06231039 EU1AA K033 > JO65 SM7FJE
07010812 EU1AA 599/599 K033SJ C G4UPS
07051800 EU1AA 55 H G4UPS
07060937 EU1AA 599/599 K033SJ BEN C G4UPS
07061410 EU1AB 559 H G4UPS
07091119 EU1AA 599/599 K033SJ -1128 C G4UPS
07101006 EU1AA 599 H G4UPS
07160625 EU1AB (MS) > JO66 H SM7AED
07310951 EU1AA 559 BRIEFLY H G4UPS

AZORES

07131601 CU7BC 59/59 HM58QM 1587 S H8BSPX

BELGIUM

07011757 OH4KST JO20 > JO21 > V47KV H NL213
07011948 OH1LRG 59/59 JO20QJ 3054 S H8BSPX
07012603 OH1CDZ/A 51/55 JO10FU 2950 S EL6BZA
07010903 OH7YD 59/59 JO21 -3127 S H8BSPX
07010912 OH9BGP 59/55 JO21LH 3106 S H8BSPX
07010918 OH1LGS 59/59 JO100S 2980 S H8BSPX
07010925 OH1ARQ 59/59 JO10VX 3024 S H8BSPX
07010928 OH1IM 59/59 JO11UV 3027 S H8BSPX
07010931 OH7EI 59/59 JO10PQ 2976 S H8BSPX
07010933 OH1BE 59/59 JO10WJ 2980 S H8BSPX
07010933 OH6BM 59/59 JO210F 3112 S H8BSPX
07010938 OH1MAS 59/59 JO20 -3047 S H8BSPX
07010941 OH1APG 59/59 JO20AT 3022 S H8BSPX
07010946 OH5VU 59/56 S H8BSPX
07112109+OH4GG, OH9CFB < 2225 > EM95 WB4WTC
07132128+OH4ART < 2333 > EM95 WB4WTC

BOSNIA-HERZEGOVINA

06131605 T98TFV JH84 > JO65 SM7FJE
07071140 T97V JH84 > JO66 SM7AED

BULGARIA

06231912 L22HM KN12 > JO65 SM7FJE
07011705-L23BD KN12 > JO66 H SM7AED
07121856 L22FT KN34 > JO66 W SM7AED
07121909 L22FT KN34 > JO65 SM7FJE
07211344 L22OG KN13 > JO65 SM7FJE

CRETE

07011540 SV98IX 569-599 B G4UPS
07140615 SV98IX KM25 > JO66 599 B SM7AED
07160910 SV98IX 559 B G4UPS
07171710+SV98IX -1900 > JO66 B SM7AED
07171920 SV98IX 559 B G4UPS
07302046+SV98IX 449 B G4UPS

CROATIA

07020732 9A4QV JH75 > JO66 SM7AED
07020810+9A2DI 599 G4UPS
07021018 9A4QV 59/59 JN75BC ADAM S G4UPS
07021905+9A3AT 59 G4UPS
07061446 9A6V/P JH73 > JO66 W SM7AED
07061704 9A6V/P 559/559 JN73MK C G4UPS
07071152 9A6V/P JH73 > JO65 SM7FJE
07080920 9A7V JH86 > JO66 SM7AED
07100819 9A2OM 59/59 JN95IN BRUNO S G4UPS
07101907 9A7V 59/59 JN86EH 3476 S H8BSPX
07140717 9A3AT 599/599 JN86EH C G4UPS
07140744 9A3AQ 57/57 JN75WS ELATRO S G4UPS
07160626 9A5Y/P JH73 > JO66 W SM7AED
07161422+9A3FT 599 H G4UPS
07161422+9A7V 59 H G4UPS
07161816 9A5Y/P 59/59 JN73QV S G4UPS
07171945 9A3FT 59/59 JN83FT 3381 S H8BSPX
07261515 9A5I JH95 > JO65 SM7FJE
07270901+9A3AT 599, 9A3AQ 599 H G4UPS

CZECH REPUBLIC

07011625+OK1EO 59 G4UPS
07011625+OK2RX 599 G4UPS
07061444 OK2BGW JN89 > JO65 SM7FJE
07061620+OK2BGW 59 -1655 H G4UPS
07061659+OK2HBR 56, OK2PFP 59 H G4UPS
07071700+OK1MRS 59 H G4UPS
07100729 OK1KT 59/59 JO70WE VRATA S G4UPS
07161020 OK2BGW 59 H G4UPS
07161711 OK2PFP 57 H G4UPS
07301943 OK1ACF 57 H G4UPS
07302030 OK1MAC 599/599 JN79OP JAN C G4UPS
07310807 OK1MAC 59/59 JN79OP JAN S G4UPS

DENMARK

06150719 OE5W/P 59/59 JO64 > JO65 S SM7FJE
07061629 OE3EVA/P JO47 > JO65 SM7FJE
07071307 OE5BAL/P 59/59 S G4UPS
07071308 OE1ALS/P 59/59 JO44 S G4UPS
07071309 OE9AFM 59/59 JO44RW FRED S G4UPS
07071312 OE5AGJ 59/59 JO56DF KIM S G4UPS
07071313 OE3FYM/P 59/59 JO55DC S G4UPS
07071314+OE7IGY 599 B G4UPS
07071322 OE7BK/P 59/59 JO45VX S G4UPS
07071324 OE7ALB/P 59/55 JO55XI S G4UPS
07071828+OE7IGY 599 B G4UPS
07101928 OE2LD 59/59 JO54 -3647 S H8BSPX
07101936 OE8ABE 59/59 JO55 -3721 S H8BSPX
07111123 OE1DJJ 57/57 JO65 BO S G4UPS
07111138+OE7DX 59, OE7IGY 599 B G4UPS
07131957 OE7DX 59/59 JO66DA VOGG S G4UPS
07132000 OE6VHF 579 B G4UPS
07132017 OE9IT 59/59 JO46HW LEIF S G4UPS
07132010 OE6EI 579/559 JO45TT C G4UPS
07132017 OE5AGJ 55/53 JO56DF KIM S G4UPS
07270930 OE8IS 59/55 JO55RT HENRYK S G4UPS
07270944 OE1EHW 579 H G4UPS
07270958 OE7JV 59/59 JEURGEM S G4UPS
07271000+OE2LD 59 H G4UPS
07271000+OE7IS 59, OE3U 59 H G4UPS
07271921 OE38LD 59/59 DAVE S G4UPS
07300800+OE4D 599 H G4UPS

ENGLAND

06150752 G4UPS 599/599 IO80 > JO65 C SM7FJE
06150757 GK1TE/P IO70 > JO21 > EH9IB H NL213
06150810 G4BAM/P JO02 > JO21 > SP5QWB H NL213
07011927 G2HHO 55/55 IO90ES > IL18 S H8BSPX
07011930 G6PLV 51/53 JN18AT 2761 S H8BSPX
07011931 G6PQS 57/57 IO91JR 2812 S H8BSPX
07011932 G9RRJ 51/51 IO91FE 2889 S H8BSPX
07011936 G1YLE 51/55 JO02OB 3006 S H8BSPX
07011952 G7BVT 59/59 IO90IR 2785 S H8BSPX
07011957 G1IMS 57/56 IO91 -2872 S H8BSPX
07011958 G4IGO 59/59 IO80 -2704 S H8BSPX
07012001 G4WBA/P 51/53 JO70 -2522 S H8BSPX
07012005 G7TAJ 51/53 JO00FU 2867 S H8BSPX
07012006 G8XHW 51/51 IO70LK 2628 S H8BSPX
07012007 G3VMJ 51/53 JO01CR 2936 S H8BSPX
07021331 G6TUG/P 51/51 IO88KT 3528 S H8BSPX
07061023 G0GCI JO01 > JO66 SM7AED
07071312 Z1EHW IO91 > JO66 SM7AED
07071313 GK1TE IO70 > JO66 SM7AED
07071316 G4UPS IO80 > JO66 SM7AED
07071843+G (8) > JO66 -1850 SM7AED
07080715 G4UPS IO80 > JO66 SM7AED
07091650 G4VDP 51/41 IO92 -2966 S H8BSPX
07091652 G6YIN 59/59 IO93ET 3068 S H8BSPX
07091653 G0JUL 59/59 IO83PR 3026 S H8BSPX
07091653 G8GXP 59/59 IO93FO 3058 S H8BSPX
07091654 G4IGO 55/55 IO80HW 2748 S H8BSPX
07091655 Z1BQV 57/58 IO93LQ 3075 S H8BSPX
07091658 G7NPG 59/59 IO83OP 3015 S H8BSPX
07091659 G0VKS 51/59 IO84 -3097 S H8BSPX
07091700 G7DGH 59/59 IO83NN 3005 S H8BSPX
07091700 G8JVM 59/59 IO82BP 2927 S H8BSPX
07091702 G7MXY 51/51 IO84KM 3097 S H8BSPX
07091715 G3MCS 59/59 IO93 -3061 S H8BSPX
07091718 G1AWP 57/57 IO95HJ 3230 S H8BSPX
07091719 G1GJE 57/57 IO94EV 3174 S H8BSPX
07091720 G7UYO 57/57 IO80FK 2676 S H8BSPX
07091723 G4WHD 59/59 IO92 -2966 S H8BSPX
07101904 G1IVO 59/59 IO91KI 2850 S H8BSPX
07101911 G6IJJ 59/59 IO91 2872 S H8BSPX
07101913 G3FPQ 59/59 IO91NE 2844 S H8BSPX
07101920 G6YIN 59/59 IO93 -3061 S H8BSPX
07101925 G3APY 59/59 IO93 -3061 S H8BSPX
07101932 G6WMO 59/59 IO92IV 2990 S H8BSPX
07101934 G1SWH 59/59 IO83QO 3016 S H8BSPX
07101942 G1IMS 59/59 IO91 -2872 S H8BSPX
07101942 G3IBI 59/59 IO90JT 2796 S H8BSPX
07101943 G4AJC 59/59 IO91 -2872 S H8BSPX
07101945 G1BIV 59/59 IO91 -2872 S H8BSPX
07101952 G3JOC 59/59 JO02 -3041 S H8BSPX
07102130 G3FPQ, G3MOS, G3IBI # 50.090 W JW
07111111 G4HBA IO80 > JO66 SM7AED
07111120 G4HBA IO80 > JO66 SM7AED
07112109+G4HBA, G4IGO, G4UPS < 2225 WB4WTC
07132040 G4UPS IO80 > JO66 SM7AED
07132043 G3IMW IO80 > JO66 SM7AED
07132046 G0VSM/P IO70 > JO66 SM7AED
07132048 G4ELS/P IO80 > JO66 SM7AED
07132128+G (7) < 2333 > EM95 WB4WTC
07141028 G3FPQ 59/55 IO91 -2872 S H8BSPX
07141111 G6LEU 59/59 IO70MF 2609 S H8BSPX
07180754 G4UPS (MS) > JO66 SM7AED
07251021 G0OVA 55/52 IO91PJ 2870 S H8BSPX
07260857 G/PH1PES/P IO71 > JO65 SM7AED/
07270936 Z1DPL IO94 > JO65 SM7FJE
07270938 G0TWE > JO65 -1025 SM7AED/
07270938 G8STG, GK1TE, G4UPS -1025 SM7AED/
07291813 G3FPQ IO91 > JO66 SM7AED
07291840 G8HUN IO80 > JO66 SM7AED
08061835 G1 # K15GF

ESTONIA

07051801 ES6QB K037 > JO66 SM7AED
07051802+ES5PC/3 K028 > JO66 SM7AED
07051809-ES9C K028 > JO66 SM7AED
07051830 ES9C K028 > JO65 SM7FJE
07051902 ES4WG K029 > JO66 SM7AED
07052036 ES2RW 599/599 K029HI C G4UPS
07060725 ES6QB 44 H G4UPS
07060733+ES68IX, ES08IX 599 B G4UPS
07061410+ES68IX 579 H G4UPS
07061910 ES08IX 579 B G4UPS
07071821+ES68IX 599 B G4UPS
07100729+ES08IX 599 B G4UPS
07100822 ES1CW 599/599 K029 ARVO C G4UPS
07100905+ES68IX 599 B G4UPS
07101030 ES1II 58 H G4UPS
07101043+ES6QB 57 -1120 H G4UPS
07121635 ES08IX 579 B G4UPS
07121638 ES1CW 599/599 K029HK ARVO C G4UPS
07121711+ES1II/8 55 -1740 H G4UPS
07131108 ES08IX 579, ES68IX 559 B G4UPS
07131123 ES2RW 55/55 K029HI BRUNO S G4UPS
07131141 ES1CW 59/59 K029HK ARVO S G4UPS
07160722+ES68IX 559 RAPID QSB B G4UPS
07160753+ES08IX 559 S G4UPS
07160753+ES1II/8 57 H G4UPS
07161830+ES5DE 559 B G4UPS
07261609 ES6/ES5QA 59/59 K037LQ S G4UPS
07261609+ES08IX 579 & 2134 B G4UPS
07261609+ES5DE 579 H G4UPS
07270715 ES2RW 59 H G4UPS
07270731+ES5DE 599 H G4UPS
07270731+ES08IX 599 B G4UPS
07271750 ES08IX 579 B G4UPS
07300900 ES08IX 599 B G4UPS
07301913+ES08IX 559 B G4UPS

FAROE ISLANDS

07061350 OY6FRA > JO66 H SM7AED
07061359 OY6FRA 59/59 IP62 > JO65 S SM7FJE
07061409 OY3JH/M IP61 > JO65 SM7FJE
07071243 OY9UD IP62 > SP6VXO 50.120 H NL213
07071303 OY3JH IP62 > JO65 SM7FJE
07071328 OY9UD IP62 > JO66 SM7FJE
07091714 OY9UD 55/55 IP62 -3851 S H8BSPX
07102114 OY9UD IP62 > JO65 SM7FJE

FINLAND

07031905 OH1SIX 589 B G4UPS
07031928 OT3MP 559/559 KP20 REIMO C G4UPS
07051708 OH6LVI KP32 > JO65 SM7FJE
07051709 OH3LVJ KP20 > JO66 SM7AED
07051716 OT3MP KP20 > JO66 SM7AED
07051721 OH/DK2EF KP34 > JO65 SM7FJE
07051741 OH7AEL KP33 > JO66 SM7AED
07051745 OH7AEL KP42 > JO66 SM7AED
07051850 OH4RH KP31 > JO66 SM7AED
07051917 OH/DK2EF KP34 > JO66 SM7AED
07051918 OH9SIX 569 50.067 B G4UPS
07051921 OH3QW KP21 > JO66 SM7AED
07052036+OH2EF 599 H G4UPS
07052036+OT3MP 59, OH3LEJ 55 H G4UPS
07060723+OT3MP 599 H G4UPS
07060729 OH3QW 599/599 KP210E HERO C G4UPS
07060741 OH5BQ 59/57 KP30 PETER S G4UPS
07060751 OH6LVI 57/57 KP32EQ ARI S G4UPS
07060754+OH1SIX 599 B G4UPS
07060804 OH1MDR 599/599 KP01VJ TIMO C G4UPS
07060825 OH2NAF 55 H G4UPS
07060945 OH5ER 559/559 KP30IV JASKA C G4UPS
07061013 OH/DK2EF KP34 > JO66 SM7AED
07061110 OH3WLP 57 H G4UPS
07061120 OH1SIX 559 B G4UPS
07061208 OH7MHS KP33 > JO65 SM7FJE
07061215 OH7MHS KP33 > JO66 SM7AED
07061250+OH3WLP 559 H G4UPS
07061320 OH96IX > JO66 H SM7AED
07061327 OH9YTW > JO66 H SM7AED
07061404 OH9YTW KP25 > JO65 SM7FJE
07100743 OH2NAF 579/569 KP20JE TUOMOC G4UPS
07100756+OH1SIX 579 B G4UPS
07100828 OH2BC 599 H G4UPS
07111145 OH2VE 579/579 KP20 PERTTI C G4UPS
07131224 OH1SIX 57/57 KP01RO IABA S G4UPS
07131225 OH1SIX 599+ B G4UPS
07131225+OH1JUG 55 B G4UPS
07132041+OH1SIX 579 B G4UPS
07132153 OH4KOT KP20 > KM1E 50.133 H NL213
07141005 OH1SIX 559 B G4UPS
07141040 OH1SIX 559 H G4UPS
07180810 OH5QO (MS) KP30 > JO66 SM7AED
07231700+OH6RG KP12-JO66 -2100 848 SM7AED
07231700+OH1SIX KP11-JO66 -2100 751 SM7AED
07232048 OH6RG KP12 > JO65 SM7FJE
07270731+OH1SIX 579 B G4UPS
07270750+OH1JUG 57 H G4UPS
07271835 OH1AYG 59/59 KP12 TIMO S G4UPS
07281100 OH96IX > JO65 B SM7AED/
07291656 OH1SIX 579, 599 & 1703 H G4UPS
07291703 OH1JUG 59 H G4UPS
07291756 OH2BUQ 559/559 KP20IJ C G4UPS
07300800 OH1SIX 579 B G4UPS
07300854 OH1AJ 59/59 KP10 S G4UPS
07300900+OH3MNY 57 B G4UPS
07300930 OH1SIX H G4UPS
07300930+OH1LEU 59 H G4UPS
07301913+OH3WLP 55 B G4UPS
07302018 OT2BUQ 559/539 KP20IJ ARTO C G4UPS
07302018+OH1SIX 559 B G4UPS
07302030+OH1JUG 57 B G4UPS
07310333 OH1SIX > JO66 W OX3LK
08062000+OH -2330 B SMOKAK
08062200+OH9SIX 529 KP36 50.067 B SMOKAK

FRANCE

06150502 FIDLE JN19 > JO21 > EH6PB H NL213
 07011933 F11RH 52/53 JN08 -2688 S EH8BFX
 07011934 F5PAU 59/56 IN88CB 2438 S EH8BFX
 07011935 F5SHY 59/55 JN18BQ 2767 S EH8BFX
 07011936 F5PKX 55/55 JN07HO 2563 S EH8BFX
 07011947 F1JGH 59/55 JN19GV 2875 S EH8BFX
 07011948 F1MLW 55/59 IN99EW 2664 S EH8BFX
 07011950 F2LQ 51/52 IN98 -2597 S EH8BFX
 07011951 F5OVQ 55/59 IN94FW 2609 S EH8BFX
 07011953 F1HWJ 51/55 IN94PV 2297 S EH8BFX
 07011959 F61PG 51/55 IN87VG 2430 S EH8BFX
 07051930 F6KAR > JO66 -2120 H SM7AED
 07011922 F5LJA 59/59 JO10IA 2893 S EH8BFX
 07011924 F5JRK 59/59 JN19IX 2890 S EH8BFX
 07011944 F61FR 59/59 JN09 -2774 S EH8BFX
 07011949 F1AKE 59/59 IN87WE 2426 S EH8BFX
 07011951 F1BQM 59/59 JN06 -2522 S EH8BFX
 07011951 F1HKS 59/59 JN07 -2604 S EH8BFX
 07111018 F1AKE IN87 > JO65 SM7FJE
 07111900 F/PAOION JN33 > JO66 SM7AED
 07112109 F1SAR, F7JJK < 2225 > RM95 WB4WTC
 07121610 F5BYN 59/59 IN94KO 2251 S EH8BFX
 07121727 F1CH 59 -1740 H G4UPS
 07140745 F1CH 59 H G4UPS
 07141029 F6GMP 59/55 IN97FE 2452 S EH8BFX
 07161510 F8OP > JO65 SM7AED/
 07161731 F/PAOION JN33 > JO66 SM7AED/
 07161752 F5LHI 599/599 JN23WC C G4UPS
 07222159 F6GTE 51/52 IN94SM 2314 S EH8BFX
 07241907 F1JG JN23 > JO65 H SM7AED/
 07251047 F1HWJ 55/51 IN94PV 2297 S EH8BFX
 07251640 F5SBB 51/58 IN95UQ 2385 S EH8BFX
 07300733 F5BYN IN94 > JO66 SM7AED
 07301930 F CS5IQ
 07302112 F5TKK 57/57 IN87PR ERIC S G4UPS
 07310807 F6GKS JN12 > JO66 SM7AED
 08132100 F > FN31 H WS1V

GERMANY

07020940 DK20Y 599 G4UPS
 07051730 DL3DXX JO61 > JO66 SM7AED
 07051950 DL3DXX 59/59 JN61VC S G4UPS
 07071659 DL2LVM 59 H G4UPS
 07071700 DL3HRM 59, DL4OL 59 H G4UPS
 07071700 DL9UDS 59, DK6AQ 59 H G4UPS
 07071745 DL3JMA 599, DL4ALI 59 H G4UPS
 07071754 DK7EB 59 H G4UPS
 07100828 DJ2RE 59 H G4UPS
 07101903 DK2PR 59/59 JO43KA 3442 S EH8BFX
 07101904 DJ6MI 59/59 JO31LI 3208 S EH8BFX
 07101905 DL1EMH 59/59 JO31KM 3216 S EH8BFX
 07101906 DL1XQA 55/55 JO53 -3574 S EH8BFX
 07101909 DF7VX 59/55 JO41JQ 3326 S EH8BFX
 07101910 DL2HO 59/59 JO43 3476 S EH8BFX
 07101923 DL9EBO 59/59 JO31KE 3191 S EH8BFX
 07201529 DJ6TV 59/59 JO31LQ 3233 S EH8BFX
 07101930 DJ7YP 59/59 JO44 -3552 S EH8BFX
 07101936 DK8XK 59/59 JO53 -3574 S EH8BFX
 07101938 DL8PM 59/59 JO30BU 3127 S EH8BFX
 07101951 DL3YKL 59/55 JO41 -3327 S EH8BFX
 07111138 DL2VC 579 H G4UPS
 07112109 DL7QY < 2225 > RM95 WB4WTC
 07132128 DL (4) < 2333 > RM95 WB4WTC
 07161546 DL3DXX 51/51 JO61 -3546 S EH8BFX
 07172006 DL88ET 51/55 JN48OF 3110 S EH8BFX
 07300737 DJ6TK 599/599 JO53FG WILF C G4UPS
 07312009 DJ3LE JO44 > JO66 tr SM7AED

GIBRALTAR

07020748 EB2EO 449 H G4UPS
 07101710 EB2IF 59 H G4UPS
 07221945 EB2IF 56 > 2044 H G4UPS

GREECE

0612XXXX SV5/DLSST KM46 > JO65 SM7FJE
 06150823 SV8CS KM07 > JO65 SM7FJE
 06210713 SV2BEQ KM10 > JO65 SM7FJE
 07011543 SV7BVE KM21 > JO66 H SM7AED
 07011554 SV/DL9UDS KM46 > JO65 SM7FJE
 07011600 SV18IX KM17 > JO66 B SM7AED
 07011709 SV18M KM17 > JO66 H SM7AED
 07131704 SV7CO KM20 > JO66 SM7AED
 07140615 SV18IX KM17 > JO66 B SM7AED
 07140620 SV8QG KM39 > JO65 SM7FJE
 07140638 SV1CER KM17 > JO66 SM7AED
 07140745 SV18IX 579 B G4UPS
 07151820 SV18IX > JO66 H SM7AED
 07160839 SV5TS 599/599 KM46CF RHODESC G4UPS
 07160841 SV18IX 559, 579 & 0910 B G4UPS
 07161830 SV18IX, SV98IX 579 B G4UPS
 07161920 SV1DH WKG G H G4UPS
 07171702 SV1DH KM27 > JO66 SM7AED
 07171710 SV18IX -1900 > JO66 B SM7AED
 07011543 SV8QG KM39 > JO66 H SM7AED
 07300720 SV1DH KM27 > JO66 SM7AED
 07301812 SV1BVE KM21 > JO65 SM7FJE
 07301830 SV5TS KM46 > JO65 SM7FJE
 07301840 SV5TS > JO66 H SM7AED
 07301930 SV5 CS5IQ
 07302046 SV1DH 44 H G4UPS
 08041735 SV1DH KM27 > IO91 S G3OIL

HUNGARY

07161040 HA6SB 59/59 JN97WW GEORGE S G4UPS

ICELAND

07071245 TP38IX HP94 > JO21 50.057 B NL213
 07302148 TP3BM INTO N. ENGLAND G

IRELAND

07071745 E13RBB IO51 > JO66 SM7AED

07270933 E16ETB IO51 > JO65 SM7FJE

ISLE OF MANN

06150625 GD4IOM IO74 > PA2TAB 50.125 H NL213

ITALY

06150839 I8MKK JN71 > EH4AV 50.153 H NL213
 06181622 I8KRO JN88 > JO65 SM7FJE
 06210717 I8URO 59/59 JN88 > JO65 S SM7FJE
 07051026 I8C8CF JN70 > JO66 SM7AED
 07051050 I8K1MT JN35 > JO66 SM7AED
 07051221 I8K1MT 59/59 JN35 -1230 S G4UPS
 07051930 I3LLH, I1JQJ > JO66 -2120 H SM7AED
 07061103 I8K1FT 59/59 JN61 SERGIO S G4UPS
 07061103 I8K1OBAL 59 H G4UPS
 07061710 I4CXC 559 H G4UPS
 07061726 I89/DK0FTG IM56 > JO66 W SM7AED
 07062100 I89/DK0FTG 44 -2110 H G4UPS
 07080923 I8K1NOJ JN61 > JO66 SM7AED
 07081019 IAS/OE5EBO JN52 > JO66 SM7AED
 07081028 IAS/OE5EBO JN52 > JO65 SM7FJE
 07081829 I89/DK0FTG 57/53 JN65 S G4UPS
 07081854 I8K1OXY 59/59 JN61 EMIL S G4UPS
 07091114 I8K1FT 55/51 JN61 SERGIO S G4UPS
 07091350 I89/DK0FTG 59 H G4UPS
 07091507 IAS/OE5EBO 55 H G4UPS
 07091507 I8K1FT 59 H G4UPS
 07091531 I8K1WVF 59/59 JN53DV ALBERTOS G4UPS
 07091540 I4CXC 579/579 JN54VO TOM C G4UPS
 07091541 I89/DK0FTG JN65 > JO65 SM7FJE
 07101908 I89/DK0FTG 57 H G4UPS
 07130716 I89/DK0FTG 59/59 JN66 S G4UPS
 07131412 I5MXX 59/59 JN53 S G4UPS
 07131848 I89/DK0FTG JN66 > JO65 SM7FJE
 07131850 I89/DK0FTG 44 H G4UPS
 07140653 I89/DK0FTG JN66 > JO66 SM7AED
 07140742 I3LLH 59/59 JN65BM VE S G4UPS
 07140805 I8K1RT 59/59 JN45OI SILVANO G4UPS
 07140809 I8K1RLP 59/59 JN52 GR S G4UPS
 07140928 I8K1OXY 59 H G4UPS
 07140947 I8K1NOJ 59/59 JN61RM S G4UPS
 07140948 I8K1JZ JN49CA W G4UPS
 07160644 I78CB > JO66 H SM7AED
 07160841 I20KW 59 H G4UPS
 07160910 I2TQ 559 H G4UPS
 07160910 I8K1OBAL 59 H G4UPS
 07160910 I8K1DYD 59 H G4UPS
 07160933 I5RRR 59 H G4UPS
 07160947 I8K1RLP 59/59 JN52LR S G4UPS
 07161315 I H G4UPS
 07161342 I8K1/OE2UKL/P 59/59 JN65JW S G4UPS
 07161501 I7UWU 59 H G4UPS
 07161656 I8C8CF 59 H G4UPS
 07161747 I8K1X 599/599 JN61 C G4UPS
 07161800 I4CXC 599/599 JN61 C G4UPS
 07161830 I H G4UPS
 07162828 I8K1MB 57/57 JN54CX ALBERTOS C G4UPS
 07171938 I8K1X 59/59 JN61GW 3010 S EH8BFX
 07171940 I8K1OBAL 57 H G4UPS
 07171940 I8K1GPE 57/58 JN62WT 3147 S EH8BFX
 07171946 I8K1OBAL 59/59 JN62FB 3009 S EH8BFX
 07171959 I8K1X 59/59 JN61 TONY -2005 S G4UPS
 07181808 I8K1XG JN71 > JO66 SM7AED
 07211338 I89/DK0FTG JN78 > JO65 SM7FJE
 07211726 I8K1FT 59/59 JN61 SERGIO S G4UPS
 07211726 I3LLH 59, IOADE 59 H G4UPS
 07211726 I8K1EUL 59, I8K1FTQ 59+ H G4UPS
 07211944 I8K1HAR 59/59 JN53QM CLAUDIOS G4UPS
 07250802 I8K1WVF 59/59 JN53DV S G4UPS
 07261531 I8K1DLK JN63 > JO65 SM7FJE
 07270825 I8K1JZ JN49 > JO65 SM7AED/
 07270946 I8K1ADE 59 H G4UPS
 07271000 I8K1OBAL 59 H G4UPS
 07281043 I8K1X JN60 > JO65 SM7FJE
 07281050 I8K1OBAL JN62 > JO65 SM7AED/
 07301930 I CS5IQ
 07302228 I8K1X 59/59 JN61 TONY -2240 S G4UPS

JAN MAYEN

07222114 JX7DFA # CLG CQ H OH9BYX
 07281123 JX7DFA 599/599 IQ500V C G4UPS
 07281145 JX7DFA IQ50 > JO65 SM7FJE

JERSEY

06211013 GJ3RAX IN89 > JO65 SM7FJE
 07011750 GJ41CD CY0AA
 07112109 GJ41CD < 2225 > RM95 WB4WTC
 07011930 GJ7LWJ 51/53 IN89WE 2609 S EH8BFX

LATVIA

07061320 XL2MU 559 H G4UPS
 07161806 XL3AG 579 H G4UPS
 07231700 XL1A KP07 > JO66 -2100 534 H SM7AED
 07231850 XL1A KM07 > JO65 SM7FJE
 07250469 XL1A/A KM07 > JO65 SM7FJE
 07261704 XL1A/A 59/57 KM07UN REIN S G4UPS
 07262052 XL1A/A H G4UPS
 07270926 XL2PG 599/579 KM10TF C G4UPS
 07291802 XL2MU 57/56 KM16UP SERGE S G4UPS
 07301915 XL3AG 449 H G4UPS

LIECHTENSTEIN:

07100848 HB0/PI4TUE 599/569 JN47CJ C G4UPS
 07121215 HB0/PI4TUE JN47 > KM1H -110 H NL213
 07140726 HB0/PI4TUE 59/59 JN47PC S G4UPS

LITHUANIA

08101740 LY/DV1QJ/O KM05 > IO91 S G3OIL

MACEDONIA

06210708 I32FC KM01 > JO65 SM7FJE
 07061405 I32MA KM02 > JO65 SM7FJE

07101925 I32MA 59/59 KM02 -3699 S EH8BFX
 07131701 I32MA KM02 > JO66 SM7AED
 07280606 I32EM KM02 > JO65 SM7AED/
 07280606 I32EM KM04 > JO65 SM7FJE
 07301944 I32DR KM01 > JO66 SM7AED

MALTA

07011540 9H3IE 57 H G4UPS
 07011700 9H3HW JN75 > JO66 W SM7AED
 07020805 9H3IE JN75 > JO65 SM7FJE
 07131850 9H5SE 44 H G4UPS
 07171658 9H1IE JN75 > JO66 SM7AED
 07171705 9H1IE JN75 > JO66 SM7AED
 07261412 9H5SE JN75 > JO65 SM7AED/

MARKET REEF, OJ0, was to have been activated August 1-4 by a group of Finnish hams with 100W and 3-el Yagi on 50 MHz.

MOLDAVIA

06150759 ER5DX KM46 > PA2TAB 50.135 H NL213
 06231100 ER5AA KM45 > JO65 SM7FJE
 07011606 ER5OK KM46 > JO66 W SM7AED

NETHERLANDS

06150608 PA0HIP JO21 > JO21 > 4X1IF H NL213
 06150625 PA2TAB JO32 > JO21 > GD4IOM H NL213
 06151523 P11LEU 59/59 KP01 > JO65 S SM7FJE
 07101901 PA0RDY 59/59 JO22 -3209 S EH8BFX
 07101902 PA3AMV 59/59 JO32HC 3249 S EH8BFX
 07101905 PA0BAT 59/59 JO31 -3224 S EH8BFX
 07101908 P11MMS 59/59 JO21 -3127 S EH8BFX
 07101912 PA3FBN 59/59 JO33 -3382 S EH8BFX
 07101920 P11ALV 59/59 JO21LW 3131 S EH8BFX
 07101922 PA0PHG 59/59 JO22 -3209 S EH8BFX
 07101923 P11MTE 59/59 JO22 -3209 S EH8BFX
 07101927 PA0JOK 59/59 JO21LU 3150 S EH8BFX
 07101929 PA3CDD 59/59 JO32KF 3271 S EH8BFX
 07101929 P11MUV 59/59 JO21 -3127 S EH8BFX
 07101932 P11OXX 59/59 JO22TP 3246 S EH8BFX
 07101935 P11LW 59/59 JO31 -3224 S EH8BFX
 07101937 PA0HBO 59/59 JO32 -3302 S EH8BFX
 07101946 PA3GYF 55/56 JO22 -3209 S EH8BFX
 07101947 P11MTE 59/59 JO32HW 3286 S EH8BFX
 07132128 PA (2) < 2333 > RM95 WB4WTC
 07161620 P11FEI 51/55 JO22VQ 3257 S EH8BFX

NORWAY

07060918 LA6MP 59/59 JO59JU JOHN S G4UPS
 07060937 LA3BDA 599 H G4UPS
 07061000 LA8WF 59/59 JO59GU JOHN R G4UPS
 07061025 LA4LJ 57/59 JO59KU PER S G4UPS
 07100940 LA3JDLA 559 H G4UPS
 07100952 LA2PHA 57/57 JO38IB STEIN S G4UPS
 07101010 LA0GP 59/59 JO59JOHN S G4UPS
 07140613 LA78IX JP99 > JO66 599 B SM7AED
 07161755 LA78IX JP99 > JO65 B SM7AED/
 07261724 LA5TFA JP99 > JO65 SM7FJE
 07261928 LA78IX > JO65 B SM7AED/
 07270713 LA4LW 59 H G4UPS
 07270744 LA6OP 59/59 JO59 SINDRE S G4UPS
 07270750 LA0GP 59+ H G4UPS
 07271600 LA7 INBAED TV I G4UPS
 07271603 LA4LW 599 H G4UPS
 07280710 LA INBAED TV I G4UPS
 07280710 LA0GP 599 I G4UPS
 07300710 LA INBAED TV I G4UPS
 07310333 LA78IX > JO66 B SM7AED
 07312245 LA78IX > JO66 B SM7AED
 08062000 LA -2330 W CX3LX
 08062100 LA5TFA/P KP09 > JO89XK H SMOKAK
 08062100 LA78IX 599 JP99 50.051 B SMOKAK

POLAND

06071903 SP1RHF J094 > JO65 SM7FJE
 06080906 SP5SB KM02 > JO65 SM7FJE
 06081121 SP3RFX JO83 > JO65 SM7FJE
 06130642 SP1RHF J094 > JO65 SM7FJE
 06150810 SP5QW KM02 > 4X1IF H NL213
 06230859 SP9HW KM00 > JO65 SM7FJE
 07011309 SP4MPB tr KM03 > JO66 SM7AED
 07021639 SP9ACE 59/59 JO90HD GREG S G4UPS
 07021640 SP9MRK 59 G4UPS
 07051735 SP INBAED TV? I G4UPS
 07051735 SP86IX 449->599 -1808 B G4UPS
 07051741 SP5XMU 59 H G4UPS
 07051746 SP4MPB 559 H G4UPS
 07051855 SP86IX 579 > 1927 B G4UPS
 07051926 SP6HJE 59/59 JO81HL JAN S G4UPS
 07051927 SP2HJE 59 H G4UPS
 07051934 SP3PMA 59/59 S G4UPS
 07051934 SP9QAS 55 H G4UPS
 07051952 SP9MRQ 59 H G4UPS
 07052004 SP9MUW 59/59 JO90NH WOJTEK S G4UPS
 07052004 SP9DSD 59, SP9BOI 599 H G4UPS
 07052012 SP6JLW 59/59 JO80IK ANDY S G4UPS
 07052030 SP28G 59 H G4UPS
 07061410 SP2TQW 59 -1505 H G4UPS
 07071243 SP6VXO > JO21 > OY9JD H NL213
 07071659 SP86IX 579, SP86IX 559 B G4UPS
 07071659 SP5XMU 59 H G4UPS
 07071754 SP5XAB 59/59 JO82NH CANDY S G4UPS
 07100645 SP9MUW 599 H G4UPS
 07100729 SP6CFH 59, SP6EYF 59 H G4UPS
 07100756 SP86IX 589 B G4UPS
 07100940 SP5XMU 59 H G4UPS
 07111040 SP86IX 599 B G4UPS
 07111040 SP2HJE 59 H G4UPS

07111048 SP3JME 59/59 JO82 S G4UPS
07111048+SP6EFY 579 H G4UPS
07111048+SP6WAS 559 B G4UPS
07112110 SP6WAS/1 J074 > J065 SM7FJE
07121927 SP6WAS/1 J074 > J066 tr SM7AED
07130656 SP3RXP JO83 > J066 tr SM7AED
07131305 SR5SIX 559 H G4UPS
07131605 SP8UFT > J066 SM7AED
07131929 SP5XMU 59/59 KO02 TOM S G4UPS
07131934 SP5QWB 59/59 KO02 S G4UPS
07132005 SP7DSB 59/57 JO91 GEORGE S G4UPS
07140700 SP H G4UPS
07160715 SP2NJE 59 H G4UPS
07160722+SR5SIX 599 B G4UPS
07160753+SP6HEJ 599 H G4UPS
07160841 SP5XMU 59/59 KN02 TOM S G4UPS
07160910+SP6LB 59, SP6VWV 59 H G4UPS
07160910+SP9XWU 599 H G4UPS
07160933 SP2SGE 59 H G4UPS
07160933 SR6SIX 599 & 1128 B G4UPS
07161645+SP6TRO 59 H G4UPS
07171957 SP6RLA 58/51 JO81MC 3757 S EH8BFX
07171958 SP6EFY 51/57 JO81MC 3762 S EH8BFX
07172004 SP6VKO 55/55 JO81LD 3754 S EH8BFX
07200944 SP6HEI JO81 > J066 tr SM7AED
07201023 SP2NJE JO92 > J066 tr SM7AED
07201024 SP3WVG JO72 > J066 tr SM7AED
07201025 SP2SGE JO82 > J066 tr SM7AED
07210650 SP1NQW JO84 > J066 tr SM7AED
07210820 SP6HEI JO81 > J066 tr SM7AED
07261258 SP9QJ 59/59 JO90OA MAREK S G4UPS
07261258+SP9SOI 599 H G4UPS
07261258+SR5SIX 599 & 1320 B G4UPS
07261345 SP2NJI 59 -1335 H G4UPS
07262134 SP5XMU/1 59/59 JO84UP TOM S G4UPS
07270715+SP6HEI 59 H G4UPS
07270731 SP9UPK 59/59 JO90KI KRIS B G4UPS
07270731+SP6RLA 59 H G4UPS
07270952 SP6WAS/1 59/59 JO74 ADAM S G4UPS
07271000+SP1NQW 599 H G4UPS
07271826 SP4MPB 59/59 KO03 MAREK S G4UPS
07271925 SP5XMU/1 59/59 TOM S G4UPS
07280727 SP2NJE 59 H G4UPS
07280727+SR5SIX 559 B G4UPS
07281022 SP3WVG JO72 > J065 SM7FJE
07281026 SP55WVG JO72 > J065 SM7AED/
07291740+SP1NQW 599 H G4UPS
07291740+SR6SIX 599 B G4UPS
07291756+SP6BTI 59 H G4UPS
07300727 SP6WAS 59/59 JO92 S G4UPS
07300753 SP1PPO 59 H G4UPS
07301200 SR5SIX 599 < 1220 B G4UPS
07301644 SP1RWJ JO73 > J065 SM7FJE
07301847 SR5SIX 579 B G4UPS
07301915 SR6SIX 559 B G4UPS
07301930 SP6GWD 599/559 JO80HK STAN C G4UPS
07301930+SP9EYX 59 H G4UPS
07302037 SP4MPB 599 H G4UPS
07310936 SP6SIB 55 E G4UPS
07310955 SP4MPB 599/599 C G4UPS
07311012 SP2SGE 59 -1020 H G4UPS

PORTUGAL

06071955 CT1DIN IN60 > J065 SM7FJE
07011941 CT1ETT 599/59 IN51 C G4UPS
07021246+CTOWW > EM95 B WB4WTC
07021246+CT1DVV > EM95 B WB4WTC
07021100 CTOWW 599 B G4UPS
07021225+CS7CBI 59+ G4UPS
07041911 CTOWW 559 -1931 B G4UPS
07041911 CT1ESV 57 -1931 H G4UPS
07091335 CT/CUTBC 59/59 IN50 MARCO S G4UPS
07091335+CTOWW 599 B G4UPS
07091401 CT1FAK 59/59 IN50QO RUI S G4UPS
07091553 CT1BH IN51 > J065 SM7FJE
07101310 CTOWW 599 B G4UPS
07101325 CT1EKF 59 H G4UPS
07101338 CT1BH 59 H G4UPS
07101710+CT1FAK 55 B G4UPS
07102015 CTOWW 599 B G4UPS
07111138 CTOWW 599 B G4UPS
07111733 CT1EMY 59/59 IM58 -1318 S EH8BFX
07121609 CT1FAK 57/59 IN50QO 1529 S EH8BFX
07130718 CT1BH IN61 > J066 SM7AED
07131101 CT1BQH 579/579 IM59 CARLOS C G4UPS
07131603 CT1EKF 55/42 IN50 B G4UPS
07161558 CTOWW 599 B G4UPS
07161645+CT1DYX 59 H G4UPS
07181802 CTOWW IN62 > J066 B SM7AED
07191203 CTOWW # B WAL0UB
07191749 CT1CLR 57/57 IN50 -1507 S EH8BFX
07202216 CT1DMK < 2337 > EM95 WB4WTC
07202221 CT1DYX 57/57 IN51PE 1582 S EH8BFX
07241905 CTOWW > J065 B SM7AED/
07250725 CTOWW > J065 B SM7AED/
07250740+CTOWW 559 B G4UPS
07261748 CTOWW 599 B G4UPS
07270930 CTOWW > J065 B SM7AED/
07301958+CTOWW 599 B G4UPS
08052010 CT VIDEO # V KITOL
08131949-CT1BH > EM73 K6RID/4

ROMANIA

06190827 YO7VW/P KN15 > J065 SM7FJE
07011709+YO7VJ KN14 > J066 H SM7AED
07061623 YO7VJ/P KN13 > J066 W SM7AED
07161712 YO2IS 59/59 KN05PS SIZGY S G4UPS
07211230+YO9IE KN34 > J066 SM7AED
07261911 YO7IS KN05 > J065 SM7AED/
08051043 YO7VJ KN14 > IO91 S G3OIL

RUSSIAN FEDERATION (Europe)

06150712 R3VHF LO16 > SM7AED 50.110 H NL213
06210749 R3VHF 59/59 LO16 > J065 S SM7FJE
07021634 UA INBAND TV I G4UPS

07061534 UA INBAND TV I G4UPS
07110700 UA INBAND TV -0730 I G4UPS
07280740 UA INBAND TV -0745 I G4UPS

SARDINIA

07011553 ISOMVE 559/549 JM49OF C G4UPS
07051041 IS0/IZADW JW41 > J066 SM7AED
07060842 IS0/IZADW JW41 > J066 SM7AED
07060849 IS0/IZADW JW41 > J065 SM7FJE
07061215 IS0/IZADW 59/59 JW41OE S G4UPS
07061622 IS0/IK5DHM JW41 > J065 SM7FJE
07091354 IS0/IZADW 59/59 JW41OE S G4UPS
07111900 IS0/IZADW JW51 > J066 H SM7AED
07132031 IS0/IZADW 59/59 JW40RW HU S G4UPS
07140818 IS0/IZADW 59 H G4UPS
07140938 IS0QDV 59/59 JM49 CA S G4UPS

SCOTLAND

07021337 GM7OIN 55/44 IO75QK 3147 S EH8BFX
07071219 GM0RKP TO68 > J065 SM7FJE
07071226 GM0SYU IO75 > J066 SM7AED
07071236 GM7VEV/M IO87 > J066 SM7AED
07071803 GM4ILS 599/599 IO87IP ROM C G4UPS
07071816 GM6OFO 59/59 IO86GJ S G4UPS
07071821 GM4WJA 59/59 IO87IP JOHN S G4UPS
07091713 GM4WJA 57/55 IO87IP 3405 S EH8BFX
07091716 GM6OFO 59/59 IO86GJ 3273 S EH8BFX
07091721 GM4PLM 55/55 IO76PA 3205 S EH8BFX
07091721 GM7OMU 55/55 IO75TV 3200 S EH8BFX
07101909 GM0RAI 59/59 IO75 -3148 S EH8BFX
07101910 GM4BIT 59/59 IO75QM 3155 S EH8BFX
07270809 GM0HKB IO77 > J065 SM7AED/
07280735 GM3WYL IO75 > J065 SM7AED/
07280759 GM0WXX IO77 > J065 SM7AED/
08061846 GM # G4ICD

SERBIA

06150724 YT1AU 59/59 KN04 > J065 S SM7FJE
07011610 4H1SIX 579 B G4UPS
07011625+YU1QC 599 G4UPS
07020758 4H1SIX 449 B G4UPS
07021905+4H1SIX 599 B G4UPS
07031347 YT1AU 59/57 KN04 S IKA S G4UPS
07031353 YU1NW 579/579 KN04 C G4UPS
07051719+4H1SIX 599 -1725 B G4UPS
07051930+4H1SIX > J066 -2120 B SM7AED
07061050 4H1SIX 599 & 1410 B G4UPS
07061320 4H1SIX > J066 B SM7AED
07061515 YU1QC 59 H G4UPS
07061534 YULABA 599/599 KN04 C G4UPS
07071745 4H1SIX 599 B G4UPS
07071840 YULB 599/599 KN04OO RAYA C G4UPS
07080825 4H1SIX 559 -0845 B G4UPS
07091505 4H1SIX 569 B G4UPS
07131123+4H1SIX 579 B G4UPS
07140745+4H1SIX 579 B G4UPS
07160722 4H1SIX 579 B G4UPS
07161315+4H1SIX 599 & 1645 B G4UPS
07161315+YT1AU 59 H G4UPS
07161342 YULABA 559 H G4UPS
07161737 YELSM 59 H G4UPS
07242028 YT1AU 579/579 KN04 S IKA C G4UPS
07250821 YULAU 59/55 KN04TI RAJA S G4UPS
07251758 YU1VG/6 JW91 > J065 SM7FJE
07251802 YT1AU KN03 > J065 SM7FJE
07261202 YU1GT 59/59 KN04LP NIK S G4UPS
07261204 YULAU 599/599 KN04 MIKI C G4UPS
07261914 YULW KN04 > J065 SM7AED/
07301053 YU1QC 599/599 KN04 C G4UPS

SICILY

07011540 IT9DHU 57 H G4UPS
07061616 IT9KES JM68 > J065 SM7FJE
07091626 IT9/K1MDC JM68 > J065 SM7FJE
07101710+IT9PME 55 H G4UPS
07131850+IT9KES 44 H G4UPS
07141008 IT9KES 59/59 JM68QC PA S G4UPS
07171735 IT9NDW JM68 > J066 SM7AED

SLOVAKIA

07021640+OM3PC 55 H G4UPS
07061000+OM3CFW 579 H G4UPS
07061620 OM3PC 59 -1655 H G4UPS
07161036 OM3DM 579/579 JM88 MIKE CS G4UPS
07261934 OM3LA KN98 > J065 SM7FJE
07270901+OM3ID 599 H G4UPS
07310818 OM3ID 599 -0840 H G4UPS

SLOVENIA

07020810+S55ERS 599 B G4UPS
07020939 S57AC 59/57 JW76TH BOJAN S G4UPS
07020940+S51MQ 59 B G4UPS
07021315 S55ERS 599 B G4UPS
07021905 S57AC 599 B G4UPS
07021905+S55ERS 599 B G4UPS
07031350 S55ERS 579 B G4UPS
07051719 S57AC 599 H G4UPS
07062000 S55ERS 559 B G4UPS
07071700+S50M 59 H G4UPS
07071700+S55ERS 599 B G4UPS
07080918 S51MQ JW75 > J066 SM7AED
07080922 S52B JW75 > J066 SM7AED
07091507 S55ERS 579 B G4UPS
07091528 S52R 59/59 JW7500 TONE S G4UPS
07101098 S51TJ 59/59 JW76 -3393 S EH8BFX
07101913 S57A 59/59 JW65DW 3175 S EH8BFX
07101915 S59D 59/59 JW65DW 3261 S EH8BFX
07101915 S59F 59/59 JW65 -3205 S EH8BFX
07101926 S57MC 59/59 JW86GT 3493 S EH8BFX
07121711 S53FO 599/599 JW76 -1740 C G4UPS
07140731 S57AC 599/599 JW76 C G4UPS
07140744+S55ERS 559 B G4UPS
07160718 S57AC 55/55 JW76 BOJAN S G4UPS

07160753+S52MQ 579 H G4UPS
07161315+S55ERS 599 B G4UPS
07161315+S57AC 59, S51MQ 59 H G4UPS
07161422+S53VV 599 H G4UPS
07161501 S51UJ 599/599 JW76BI C G4UPS
07161645+S59D 59 H G4UPS
07242026 S57AC 559/559 JW76 BOJAN C G4UPS
07251200 S55ERS 559 B G4UPS
07301958 S57AC 569 H G4UPS

SPAIN

06150839 EH4AV IM88 > JO21 > I8MKK H NL213
06151205 EH3TA IM63 > PA3BGJ 50.120 H NL213
06151521 EH5DIT 59/59 IM99 > J065 S SM7FJE
06151535 EH7AJ IM87 > J065 SM7FJE
06151651 EH1TA/P 59/59 IM73 > J065 S SM7FJE
06231131 EH4AV IM88 > J065 SM7FJE
07011610+EH1EH 599 G4UPS
07011635 EH7KW IM67 > J065 SM7FJE
07011650 EH7KW IM67 > J066 W SM7AED
07011703 EH2BV IM63 > J066 W SM7AED
07012146+EH1YV > EM95 WB4WTC
07021132 EH1EH 599 G4UPS
07021225 EH1KV 599 G4UPS
07051930+EH3CUU > J066 -2120 50.056 B SM7AED
07061126 EH1EH IM82 > J066 S SM7AED
07071520 EH1EH 559/559 -1530 C G4UPS
07081840+EH3CUU 599 B G4UPS
07091115 EH7KF 55 H G4UPS
07091312 EH1EH IM82 > J065 SM7AED/
07091337 EH1TA/P 59/59 IM63BF JOE S G4UPS
07101325+EH1YV 57 H G4UPS
07101648 EH7AJ 57, EH7CD 55 H G4UPS
07101710 EH3CUU 599 B G4UPS
07101710+EH4/OW4BCV/P 55, EH5SCHT 55 H G4UPS
07101710+EH3MD 59, EH5DIT 59 H G4UPS
07101846 EH5/F1LTA 59/53 IM98XO S G4UPS
07101907 EH5DIT 59/59 IM99CD 1799 S EH8BFX
07110005 EH3CUU 569 B G4UPS
07111033 EH3MD 59/59 JW11BI JORGE S G4UPS
07111205 EH1EH # 50.110 KITOL
07111311 EH1EH # KMLH
07111900+EH3CUU JW12 > J066 B SM7AED
07121727 EH3CUU 579 -1740 B G4UPS
07130754 EH3CUU 599 B G4UPS
07131045 EH7KF 599+ H G4UPS
07132128+EH1TA < 2333 > EM95 WB4WTC
07140643 EH1EH IM82 > J066 SM7AED
07140928+EH3CUU 599 B G4UPS
07140951 EH7AJ 59/59 IM87 S G4UPS
07141907 EH7AJ 59 B G4UPS
07141920 EH3CUU 559 B G4UPS
07161046+EH3CUU 599 -1100 B G4UPS
07161215 EH7KF 59 H G4UPS
07161459 EH3CUU > J065 B SM7AED/
07161507 EH3EO JW01 > J065 SM7AED/
07161550 EH3CUU B G4UPS
07161559 EH7KW 559/559 C G4UPS
07161645 EH1KV 579 H G4UPS
07191739 EH1AST 59/59 IM52PG 1689 S EH8BFX
07191739 EH1TA 59/59 IM63 -1879 S EH8BFX
07191739 EH7KW 59/59 IM67XI 1387 S EH8BFX
07191802 EH1AFP 51/59 IM52 -1705 S EH8BFX
07202200+EH7KW, EH1YV # W WAL0UB
07202216 EH1TA < 2337 > EM95 WB4WTC
07202216 EH1YV < 2337 > EM95 WB4WTC
07221830 EH7KW 599/559 C G4UPS
07221830+EH7DIT 59 H G4UPS
07221534 EH1YV JW11 > J065 W VE1PE
07241900 EH3AQJ # H SM7AED/
0724XXXX EH3AQJ JW11 > J065 SM7FJE
07250723 EH1EH IM82 > J065 B SM7AED/
07250740 EH1EH 55 H G4UPS
07251217 EH7BVD 55 H G4UPS
07252006 EH7KW 59/59 IM67XI 1387 S EH8BFX
07252110 EH1EH 59 B G4UPS
07252128 EH5DIT 59 -2200 H G4UPS
07271050 EH3JA 59 -1054 H G4UPS
07311708 EH1TA/P 59/51 IM63BF JOE S G4UPS
08061740 EH1TA/P > EM89 50.110 W WB5VYF
08071020 EA VIDEO # 48.25 W WAL0UB
08122225 EH1YV H W3IWU
08131949-EH1TA > EM73 K6RID/4

07031927 JW78IX 339->449 -1935 B G4UPS
07102048 JW78IX 449 -2054 B G4UPS
07102114 JW8QPI 50.091 H G3WOS
07111945 JW78IX # B G4ICD
07171900 JW78IX # B G4JCC
07302157 JW78IX 449-> 599 @ 2201 C G4UPS

SVALBARD

07031927 JW78IX 339->449 -1935 B G4UPS
07102048 JW78IX 449 -2054 B G4UPS
07102114 JW8QPI 50.091 H G3WOS
07111945 JW78IX # B G4ICD
07171900 JW78IX # B G4JCC
07302157 JW78IX 449-> 599 @ 2201 C G4UPS

SWEDEN

06150712 SM7AED JO66 > JO21 > R3VHF H NL213
07010745 SM7AED 559/599 C G4UPS
07010747 SM7FJE 599/599 C G4UPS
07011600+SM9SIX KM25 > J066 B SM7AED
07020743 SM7AED 599/599 C G4UPS
07030754 SM7FJE 559->599/449->599 C G4UPS
07040749 SM7FJE 579/559 C G4UPS
07051710 SM3BIU 59/59 JW70 > J065 S SM7FJE
07051920 SK3SIX 579 B G4UPS
07060735 SM5CEK 559/559 JO89XG HANS C G4UPS
07060741+SM5WVF 57 H G4UPS
07060806 SK3SIX 599 -1040 B G4UPS
07060806+SM3VRE 59 H G4UPS
07060927 SM5SMH 59/59 JO89TW ROINE S G4UPS
07060934 SM5TNC 599/599 JO89MP C G4UPS
07060937+SM3BIU, SM0AJU 59 H G4UPS
07061000+SM7RYO 59 H G4UPS
07061250 SK3SIX 599 -1340 B G4UPS
07061910+SM0KCR 599, SM1LPU 57 H G4UPS
07061940 SM6MKB 579 H G4UPS
07061950 SK3SIX 599 B G4UPS
07070718 SM7FJE 569/559, SM7AED C G4UPS

07071237 SM3RPP JP74 >PA3GMD 50.168 H WL213
 07071245 SM3NRY 599, SM7CMV 59 H G4UPS
 07071314 SM7AED 59/59 JO65 S G4UPS
 07071314>SMOKCR 599, SM5INC 599 H G4UPS
 07071335 SM4POB 59 H G4UPS
 07071335>SK3SIX 599 B G4UPS
 07071821>SM7CMV 59 H G4UPS
 07071828 SM7AED 59/59 JO65 S G4UPS
 07071828>SM1GK 59 -1855 H G4UPS
 07080715 SM7AED 579/579 JO65 50.110 C G4UPS
 07100808 SK3SIX 579 B G4UPS
 07100828>SMOFTM 59 B G4UPS
 07100905 SMOLCB/5 59 H G4UPS
 07100940>SMOFTM 53, SM7VHS 59 H G4UPS
 07100940>SM7UEB 59 H G4UPS
 07101043 SM3RPQ 59/59 JP74BT LEIF S G4UPS
 07102055 SM3RPP 59/59 JP74BT ALF S G4UPS
 07111119 SM7AED 59/59 JO65 S G4UPS
 07111338>SMOLCB/5 579 -1200 H G4UPS
 07121711>SM7VHS 57 -1740 H G4UPS
 07130746 SM7AED 569/459 JO65 C G4UPS
 07131951 SM6CMU 59/59 JO57 S G4UPS
 07131953 SM6VXC 59/59 JO68CG PETER S G4UPS
 07132016 SM3RPQ 59/59 JP74 S G4UPS
 07132039 SM7DDT 59/59 JO65MO S G4UPS
 07132041 SM7AED 59/59 JO66 ARNE S G4UPS
 07132041>SK3SIX 579 B G4UPS
 07132051 SM4POB 55, SM3NRY 59 H G4UPS
 07132059 SM3GSK 599/599 JP81 C G4UPS
 07132128>SM7AED < 2333 > EM95 WB4WTC
 07140720 SM7AED 569->599/479->599 C G4UPS
 07140951>SM3SIX 559 H G4UPS
 07140951>SM3GSK 57, SM3RPQ 55 H G4UPS
 07141040>SM3NRY 44 H G4UPS
 07141049 SM3RPQ 59/55 JP74BT 4573 S HSBSPK
 07150748 SM7AED 569/569 C G4UPS
 07160748 SM7AED 569/469 C G4UPS
 07161015 SM3EQY 58/58 HAKAN S G4UPS
 07180754 SM7AED 589 WKG G3CCH H G4UPS
 07190744 SM7AED 579/579 C G4UPS
 07200747 SM7AED 569/339 C G4UPS
 07200805 SM4DHN JP60 > JO66 tr SM7AED
 07210715 SM7AED 559/459 C G4UPS
 07220739 SM7AED 569/559 C G4UPS
 07230746 SM7AED 579/579 C G4UPS
 07260746 SM7AED 569/459 JO65 > IO80 C G4UPS
 07261725 SM1LPU 57 -1745 H G4UPS
 07262158 SMOLCB/5 599/599 JO78UG ULFC C G4UPS
 07270731>SK3SIX 599 B G4UPS
 07270731>SMOLCB/5 599 H G4UPS
 07270808 SM1LPU 59/59 JO97 STEVE S G4UPS
 07270831 SM3GSK 59/59 JP81JE KLAUS S G4UPS
 07270901 SM6SHY 59/59 JO67CL BJORN S G4UPS
 07270901>SM7RYO 59 H G4UPS
 07270953 SM7AED 59/59 JO65 S G4UPS
 07271000 SM7VHS 59 H G4UPS
 07271034 SM7EJE 59/59 JO65 BO S G4UPS
 07271849 SM7RYO 59 H G4UPS
 07280710 <2333>G3 52, SM5GWH 559 H G4UPS
 07280719 SM7AED 579/339 C G4UPS
 07280727>SK3SIX 599 B G4UPS
 07290749 SM7AED 559/459 JO65 C G4UPS
 07291718 SK3SIX 579 B G4UPS
 07291720 SMOFTM 599, 1740 SM3BIU 59 H G4UPS
 07291740>SM4MFB 579 H G4UPS
 07300750 SM7AED/ 569/569 JO66 C G4UPS
 07300833>SMOOME 59 H G4UPS
 07300837>SMOLCB/5 599, 59 @ 0930 H G4UPS
 07300850 SM1LPU 59 H G4UPS
 07301915 SK3SIX 579 B G4UPS
 07302001 SM3EQY 57/57 S G4UPS
 07310740 SM7AED 579/579 50.110 C G4UPS
 07312009 SM4DHN JP60 > JO66 tr SM7AED

SWITZERLAND

07020932 HB9STY JN36 > JO66 SM7AED
 07021010 HB9QO 59/59 JN47KJ PIERRE S G4UPS
 07051930>HB9STY >JO66 -2120 H SM7AED
 07091507>HB9CXK 449 H G4UPS
 07101052 HB9SLO JN36 > JO65 SM7AED/
 07161730 HB9CRU > JO65 SM7AED/
 07261327 HB9OAB JN46 > JO65 SM7AED/
 07270946 HB9BLA 59/59 JN46LA ANDREA S G4UPS
 07301950 HB9CXK JN46 > JO65 SM7FJE

UKRAINE

07011543>UXOFF KN45 > JO66 H SM7AED
 07011619 UXOFF 59/59 KN45MI NIK S G4UPS
 07070852 UR4LL KO70 > JO66 SM7AED
 07070856 UR4LL KO70 > JO65 SM7FJE
 07180952 UXOFF > JO66 H SM7AED
 07211230 UR4LL KO70 > JO66 SM7AED

VATICAN

06150819 HV3BJ 599/599 JN61 > JO65 C SM7FJE
 07020700 HV3BJ > JO66 B SM7AED
 07021905>HV3BJ 559 B G4UPS
 07051210 HV3BJ 599 B G4UPS
 07061100 HV3BJ 599 B G4UPS
 07081120 HV3BJ 559 -1140 B G4UPS
 07081840>HV3BJ 599 B G4UPS
 07091029 HV3BJ 569 & 1507 B G4UPS
 07160841>HV3BJ 599 >1000 B G4UPS
 07161215 HV3BJ 579 B G4UPS
 07161656>HV3BJ 599 B G4UPS
 07171642 HV3BJ > JO66 B SM7AED
 07171936 HV3BJ 559 B G4UPS
 07190720 HV3BJ 559 -0726 B G4UPS
 07241726>HV3BJ 579 B G4UPS

WALES

07011928 GWOPLP 59/55 IO72 2840 S HSBSPK
 07011929 GW3JXN 57/57 IO72RC 2810 S HSBSPK
 07011959 GW7SMV 59/59 IO81LN 2803 S HSBSPK

07071310 GW3XYW > JO66 SM7AED
 07071350 GWOPLP IO72 > JO66 SM7AED
 07091657 GW3MFP 51/51 S HSBSPK
 07101907 GW4VEQ 59/59 IO73 -2942 S HSBSPK
 07101935 GW7UWH 59/59 IO70PR 2667 S HSBSPK
 07101944 GW8DUP 59/59 IO81BP 2784 S HSBSPK
 07111121 GW3STH IO81 > JO66 SM7AED
 07111240 GW37 > EM95 H WB4WTC
 07251033 GW7LHI 51/57 IO81CO 2783 S HSBSPK
 08132100>GW > FN31 W WL1V

North Atlantic Ocean

Clint, NIKTM, posted on August 25 that KA1GV/mm (starting from New Orleans) had just passed Miami on his way to Lithuania aboard the M/V Liberty Wave. He's got 100W and a 4-el beam and is monitoring and making noise on 50.125.

Reports of North America

This month's TV and FM DX report via Es were submitted by Danny Oglethorpe, Shreveport, LA; Jeff Kruszka, Baton Rouge, LA; Pat Dyer, WA5IYX, San Antonio, TX; Mike Cherry, VE7SKA, Salt Spring Is., BC; James Pizzi, Paso Robles, CA; Frank Merrill, Macomb, IL; John Ebeling, Bloomington, MN; William Eckberg, Dixon, IL; Doug Smith, W9WI/4, Pleasant View, TN; Bill Dvorak, Madison, WI; Jim Renfrew, Rochester, NY; Saul Chernos (Burnt River and Toronto, ON); and Rick Shafon, Sparta, NJ.

ALASKA

08162050 WL7A, KI7IHH CN87 > DM04 W KC6WFS

BERMUDA

07072244 IBM BERMUDA Hamilton 89.1 F CHERNOSB

CANADA, Eastern

06120145 CKLT1 3 NB > IL 1105 T ECKBERG
 06120210 CFAP 2 PQ > IL 938 T ECKBERG
 07012217 VE1PE 55/55 FN85 -4468 S HSBSPK
 07021943 VE1PE 59/57 FN85 DOUG S G4UPS
 07021948 VE1SJ 559/539 FN95 JOHN C G4UPS
 07032315 VE1PE 51/51 FN85 -4468 S HSBSPK
 07042130 CJC6B 3 NS > IL 1388 T ECKBERG
 07062250 CBOT OW > TN 88.3 F WSWI/4
 07070044 CKMI 5 QU > IL T MERRILL
 07070230 CKVR 3 OW BARRIE > NY T RENFREW
 07072300 CBHT 3 NS > IL 1272 T ECKBERG
 07072305 CKLT1 3 NB > IL 1105 T ECKBERG
 07072330 CFMCM 4 PQ > IL 938 T ECKBERG
 07072355 CBF-15 PQ > WI 88.3 F DVORAK
 07072355 CBF-8 PQ > WI 88.1 F DVORAK
 07080050 CBFT 2 QU > IL T MERRILL
 07080252 CFMCM 4 QU > IL T MERRILL
 07101750 CBWFT7 2 OW > IL T MERRILL
 07112151 VE1SE 559/559 FN84 JACK C G4UPS
 07112153 VE9AA 559/519 FN65 C G4UPS
 07122232 CBOW-20 ON Thunder Ba89.3 F SHAFTON
 07122238 CJC6B 6 NS 1532 > IL T MERRILL
 07122240 CBQQ ON Ft. Franco90.5 F SHAFTON
 07122250 CKSB-7 ON Kenora 93.5 F SHAFTON
 07120000 CJPW 6 QU > IL T MERRILL
 07120020 CBAT 4 NB > IL T MERRILL
 07120020 CBAT1 6 NB > IL T MERRILL
 07132126 VE1SE 559/559 FN84 > JO65 C SM7FJE
 07132128>VE1SJ < 2333 > EM95 WB4WTC
 07132131 VE1PE 559/559 FN85 DOUG C G4UPS
 07132146 VE9AA FN65 >ON4KST 50.110 H WL213
 07141148 VE1PE 559/559 FN85 > JO65 C SM7FJE
 07141230 VE1YX 57/59 FN74 -4609 S HSBSPK
 07141300 VE1YX FN74 > JO66 -1322 SM7AED
 07141304 VE1SJ FN95 > JO66 SM7AED
 07161931 CBLTt 5 OW > LA CBC T OGLETHOR
 07161935 CKO2 2 OW > LA 1103 T OGLETHOR
 07162110 CICI 5 OW > LA 1139 T OGLETHOR
 07162140 CKFR 2 OW > LA 1180 T OGLETHOR
 07162205 CHBK Wx2 OW > LA 1098 T OGLETHOR
 07182002 CII2 2 OW > LA 1225 T OGLETHOR
 07182028 CBLTt 5 OW > LA 1225 T OGLETHOR
 07182028 CBOT 4 OW > LA 1324 T OGLETHOR
 07182237 CKCO2 2 OW > LA 1103 T OGLETHOR
 07202200 VE1PE # W RH1TA/P
 07262054 VE9AA # W G3FPQ

CANADA, Northern

08063000 VE8CK DP22 > CN88 H VE7SKA
 08062000>VE8 2330 B OX3JX
 08070304 VE8CK DP22 > CN88 50.125 S VE7SKA
 08070320 VE8SIX CP38 > CN88 50.008 B VE7SKA

08162100-VE8BY FP53 > FN14 B WF3I/VE

CANADA, Western

06101700 CICT 2 AB > CA T PISII
 06150330 CFAC 2 AB CALGARY > IL T MERRILL
 06150400 CFQCI 3 SK > IL T MERRILL
 06180427 CITT 4 AB > IL T MERRILL
 06200215 CKCK 2 SK > IL 918 T ECKBERG
 06240300 CICT 2 AB > CA T PISII
 07072043 CICT 2 AB > CA T PISII
 07080040 CBWFT 3 MB > NY T RENFREW
 07101630 CITT 4 AB > IL T MERRILL
 07101750 CBWFT2 4 MB > IL T MERRILL
 07101800 CBWFT 3 MB > IL T MERRILL
 07101800 CBWGT1 5 MB CBC > IL T MERRILL
 07101800 CKND2 2 MB > IL T MERRILL
 07102100 CBWYT 2 MB > IL T MERRILL
 07121503 CFQCI 3 SK > IL T MERRILL
 07121520 CKCK 2 SK > IL T MERRILL
 07141700 CBAT 6 AB > IL 1137 T ECKBERG
 07141720 CFQCI 3 SK > IL 1120 T ECKBERG
 07141730 CKBI 5 SK > IL 1063 T ECKBERG
 07141740 CKCK 2 SK > IL 918 T ECKBERG
 07141800 CFMCM 4 AB > IL 1293 T ECKBERG
 07220000 CICT 2 AB > IL 1293 T ECKBERG
 07220100 CKCK 2 SK > IL 918 T ECKBERG
 07220256 CICT 4 AB > IL T MERRILL
 07251559 CFQCI 3 SK > IL T MERRILL
 08060300-VE8 DO21, DO31 > DP22 H VE8CK
 08061659 VE8AB DO21 > DM59 W WMTK/H
 08080110 VE8MA DO20 > CM97 S KD6WVL
 08080111 VE8WTT DO31 > CM97 S KD6WVL
 08090259 VE4VHF EN19 > CN88 50.037 B VE7SKA
 08101000>CICT 2 AB ms 438 T VE7SKA
 08101000>CKCK 2 SK ms 855 T VE7SKA
 08101000>CPCP2 2 SK ms 632 T VE7SKA
 08102129 VE7SKA CN88 > CN95 S WB7QBS/7

CUBA

06061935 ICRT 3 CUBA > IL T ECKBERG
 06061942 ICRT 3 CUBA TP > IL T MERRILL
 06111849 ICRT tp3 'S' Cuba > IL T MERRILL
 06112100 ICRT 3 CUBA > IL T ECKBERG
 06112155 ICRT 2 CUBA > IL T ECKBERG
 07012120 ICRT 5 CUBA > IL T ECKBERG
 07162130 ICRT 2 CUBA TP > IL T OGLETHOR
 07201725 CO2OJ > EM95 H WB4WTC
 07202235 TV Rebelle 2 CUBA T OGLETHOR
 08011340 CO2OJ > EN48 50.125 H KSOF

DOMINICAN REPUBLIC

08101940 H10VHF B GJ4ICD

GUATEMALA

07011908 TGV 3 GUATEMALA 1120 T WA5IYX
 08120140 T99FO 59 > KM21 50.125 H WA5JCI

HONDURAS: N5HHS posted that he had received permission from Hondutel (National Telco of Honduras) to operate in Honduras and indicated that he would be operating 6m/HR6 from Roatan (EK66) August 25-31 with a TS680S, 150W, and a 5 el Yagi.

LEEWARD IS.: Alan B. Scholl, V21BF, in Antigua, recently acquired a Yaesu 680. In mid-July, complements of WT3Q (of the V26B team), he now has a 4 element 6m Yagi at 55ft. He monitors 50.110 whenever he is at home and does call CQ occasionally. Tnx GJ4ICD.

MEXICO

06100100 KHGC 5 ?? > IL T MERRILL
 06100100 KHGC 6 ?? > IL T MERRILL
 06100106 XDT 6 NL > IL T MERRILL
 06132326 KHPW 3 CU > IL T MERRILL
 06151530 KEFB 2 NL > IL 1282 T ECKBERG
 06151535 KEFE 2 LA > IL 1149 T ECKBERG
 06151944 KEPM 2 CI > IL T MERRILL
 06161628 HBQ 3 loc ads > CA T PISII
 06161630 HXI 2 > CA T PISII
 06161631 KHB8 4 > CA T PISII
 06182238 KEFE 2 TA > IL T MERRILL
 06182310 KHPW 2 CH > CA T PISII
 06231800 KEFB 2 NL > IL T MERRILL
 07091523 KHPW 2 NL > IL T MERRILL
 07111730 KEJ 5 CI > IL T MERRILL
 07111730 KHPW 2 CI > IL T MERRILL
 07112111 KHBC 3 BE MEXICALI 1022 T WA5IYX
 07130000 KHPW 3 CU > IL T MERRILL
 07152330 KEFE 2 TA > IL T MERRILL
 07182350 UNDe 2 KEW > LA, TV7 T OGLETHOR
 07191445 UNDe 2 KEW, KEQ, TV7 T OGLETHOR
 07191557 UNDe 2 VER T OGLETHOR
 07192000 UNDe 2 Canal Trece T OGLETHOR
 07192000 UNDe 4 KEW, KHGC-5 T OGLETHOR
 07192000 XH77 2 QR Cancun KEW 891 T OGLETHOR
 07192035 UNDe 2 YUC XHY-3 T OGLETHOR
 07192050 XHWQrt 5 YUC > LA T OGLETHOR

07192129 unID 5 TV7 > LA T OGLETHOR
 07192229 XEPM 2 CH > LA 746 T OGLETHOR
 07192229 XHPN 3 COAH > LA 575 T KRUSEKA
 07192320 unIDs 4 XEW,TV7 T OGLETHOR
 07201545 unIDs 2,4,5 Mexico T OGLETHOR
 07201606 XHBS 4 SIN > LA 1130 T KRUSEKA
 07201620 XEDK 6 JAL > LA 1003 T OGLETHOR
 07201640 unID 6 XE TV Azteca > LA T KRUSEKA
 07201720 XHBC 3 BN MEXICALI 1022 T WASIYX
 07201745 XEFB 2 NL > LA 611 T OGLETHOR
 07201900 unIDs 2,4 Mexico T OGLETHOR
 07202333 unIDs 2,4,5 Mexico T OGLETHOR
 07210020 unID 3 XHBQ-TV T OGLETHOR
 07211530 unIDs 2,4 Mexico > LA T OGLETHOR
 07211530 XHAGU 2 XEQ > LA T OGLETHOR
 07211622 XHBC 3 BN MEXICALI 1022 T WASIYX
 07211622 XEW* 6+ MEXICO > IL T MERRILL
 07211740 XHBC 3 BN MEXICALI 1022 T WASIYX
 07250300 XE2HNB > CM88
 07251730 XEJ 5 CI > IL T MERRILL
 07251730 XEPM 2 CI > IL T MERRILL
 08010150 XE2UHL > CM88
 08010230 XE2UHL -0300 > CM92
 08041823 XE2UHL DM12 > CM88 50.027 B VE7SKA
 08051500 XE2UHL > CM88 -2000 B K6QXY
 08051646 XE2UHL DM12 > CM88 50.027 B VE7SKA
 08080340 XE2UHL 599 DM10 -0450 B W6YKM
 08080450 XE2HNB 569 50.008 B W6YKM

NEWFOUNDLAND

07012146+V01EA <2325 > EM95 B WB4WTC
 07021717 V01EA 369 -1727 B G4UPS
 07021829 V01EA 449 -1835 B G4UPS
 07112118 V01EA GN37 > J021 50.040 B NL213
 08061742 V01EA # BH1TA/P

PRINCE EDWARD ISLAND

07112215+VY2KC 449 H G4UPS
 07132128+VY2KX < 2333 > EM95 B WB4WTC
 07141059 VY2KX FN86 > J066 H SM7AED
 07141152 VY2UX 559/549 FN86 > J065 C SM7FJE
 07141645 CBAF-15 PEI Charlotte88.1 F SHAFTON

PUERTO RICO

06161714 KP4EIT FK68 > PA3FYM 50.110 H NL213
 06161725 KP4A FK68 > PA0HIP 50.100 H NL213
 06301508 KP4EIT > EM95 H WB4WTC
 07011925+KP4EIT 44 H G4UPS
 07201401 KP4EIT # 50.110 H BH1TA/P
 07121244 KP4EIT 59/59 FK68 -5228 S EHSBFX
 08051930+KP4EIT -2015 H GJ4ICD
 08061745+KP4EIT > J065 SM7FJE
 08061816 KP4EIT # PRIMCD

Sable Island

06201219 CY0AA FN93 > EHSBFX 50.110 H NL213
 06302359 CY0AA > EM95 B WB4WTC
 07011750+CY0AA G3WOS
 07012146+CY0AA <2325 > EM95 H WB4WTC
 07041420+CY0AA < 1454 > EM95 H WB4WTC

ST KITTS & NEVIS

07011757 V47VK FK87 > OM4KST 50.110 H NL213
 07011925 V47VK 55-->559 >2000 H G4UPS
 07012146+V47KC <2325 > EM95 B WB4WTC

ST PIERRE

07012146+FP5XAB <2325 > EM95 50.038 B WB4WTC
 07112037 FP5EK > EM95 H WB4WTC
 0711XXXX FP5EK # W GJ4ICD
 07132108 FP5EK GN16 > J066 SM7AED

TURKS & CAICOS

07041420+VP5JM < 1454 > EM95 H WB4WTC
 07201725 VP5JM > EM95 H WB4WTC

UNITED STATES, W1

06120100 WLBZ 2 ME > IL 1030 T ECKBERG
 07012127 WALOUB 55/55 FN43 -5082 S EHSBFX
 07012134 W1/W3EP 57/55 FN31 -5250 S EHSBFX
 07012135 WALAYS 57/51 FN42 -5082 S EHSBFX
 07012137 W1NU 55/55 FN31 -5250 S EHSBFX
 07012231 W1AM 52/52 FN34 -5242 S EHSBFX
 07012315 WFSB 3 CT > IL T MERRILL
 07041526 WFSB 3 CT > TN T W9WI/4
 07041526 WGBHT 2 MA > TN T W9WI/4
 07042130 WLBZ 2 ME > IL 1030 T ECKBERG
 07042210 WFSB 3 CT > IL 842 T ECKBERG
 07062304 WLBZ 6 MA > IL T MERRILL
 07070030 WFSB 3 CT > IL T MERRILL
 07070030 WGBH 2 MA > IL T MERRILL
 07072300 WFSB 3 CT > IL 842 T ECKBERG
 07080000 WCAK 3 VT > IL 821 T ECKBERG
 07092027 WCVB 5 MA > IL T MERRILL
 07092328 WFSB 3 CT > IL T MERRILL
 07112000+KM1H VY WEAK > J066 H SM7AED
 07112004 W1/W3EP > J065 H SM7FJE
 07112015 KM1H 559/429 FN42 > J065 C SM7FJE
 07112058 KM1H > J065 H SM7FJE
 07112115 KM1H FN42 > HB0/PI4TUX H NL213
 07112139+KM1H 449 H G4UPS
 07112153+KITOL 449 H G4UPS
 07112215+KIDAT 449 H G4UPS
 07112220 WFSB 3 CT > IL T MERRILL
 07112224 WBS 4 MA > IL T MERRILL
 07112224 WCVB 5 MA > IL T MERRILL
 07112224 WLBZ 6 MA > IL T MERRILL
 07112325 WABI 5 ME > IL 1031 T ECKBERG
 07112330 WCAK 3 VT > IL 821 T ECKBERG
 07121503 WGBH 2 MA > IL T MERRILL
 07122230 WGBH 2 MA > IL T MERRILL
 07131612 WALOUB 55/55 FN43 -5082 S EHSBFX

07132032 WALOUB 55/41 FN43 -5082 S EHSBFX
 07132043 KILPS 51/55 FN34WL 5176 S EHSBFX
 07132045 KITOL 57/56 FN54 -4926 S EHSBFX
 07132051 W1AM 52/54 FN34 -5242 S EHSBFX
 07132102 W1/W2CAP 339, 2114 55 H G4UPS
 07132102+K1KN 339 H G4UPS
 07132112 WALAYS 559/529 FN42 STEVE C G4UPS
 07132113 KM1H > J065 H SM7FJE
 07132140 W1/W2CAP FN41 > OM4KST 110 H NL213
 07132142 KITOL FN54 > OM4KST 50.110 H NL213
 07132142 W1BBD FN32 > J066 H SM7AED
 07132153 KM1E FN53 > OM4KOT 50.133 H NL213
 07132211 WALOUB 449 -2314 H G4UPS
 07132213 W1/W3EP 449 H G4UPS
 07132232+W1GCT 559 H G4UPS
 07141025 KITOL 559/559 FN54 > J065 C SM7FJE
 07141054 WALOUB FN43 > J066 H SM7AED
 07141056 KITOL FN54 > J066 H SM7AED
 07141057 W1/W3EP FN31 > J066 H SM7AED
 07141058 BVIG FN42 > J066 H SM7AED
 07141058 WALOUB 559/559 FN43 > J065 C SM7FJE
 07141102 W1JR 559/559 FN42 > J065 C SM7FJE
 07141106 W1JR FN42 > J066 H SM7AED
 07141111 BVIG 559/559 FN43 > J065 C SM7FJE
 07141116 W1/W3EP 559/419 FN31 > J065 C SM7FJE
 07141126 W1GCI FN42 > J066 H SM7AED
 07141133 KALA 559 FN43 > J065 H SM7FJE
 07141139 W1GCI 55/55 FN42 > J065 S SM7FJE
 07141145 K1KN 55/54 FN41 > J065 S SM7FJE
 07141147 KALA > J066 H SM7AED
 07141148 KM1E > J066 H SM7AED
 07141224 WALOUB FN43 > J066 H SM7AED
 07141228 W1/KM9B FN53 > J066 H SM7AED
 07141255 W1 H G
 07202200 WALOUB # W BH1TA/P
 07260200+WGBH 2 MA > IL T MERRILL
 07260300+WLBZ 2 ME > IL T MERRILL
 08090311 W1 W BOLL
 08122006 W1/W2CAP FN41 > IO91 S G3OIL
 08122025 WALOUB FN43 > IO91 S G3OIL
 08122050 W1/W3EP FN31 > IO91 C G3OIL

UNITED STATES, W2

07012124 H2BFX 51/53 FN30 -5256 S EHSBFX
 07012128 H2MT 55/55 FN21 -5416 S EHSBFX
 07012138 KAZYN 51/51 FN24 -5401 S EHSBFX
 07012139 WB2CSB 51/55 FN21 -5416 S EHSBFX
 07022000 WKTV 2 NY > MN T EBEILING
 07070058 WTVH 3 NY > IL T MERRILL
 07072220 WNBC 4 NY > MN T EBEILING
 07092035 WKTV 2 NY > IL T MERRILL
 07121215 N2QPN 55 QSB H G4UPS
 07121239+K2SFO 359 H G4UPS
 07121206 WNBC 3 NY > IL T MERRILL
 07121217 WTVH > IL T MERRILL
 07131608 W2QC 55/55 FN20 -5425 S EHSBFX
 07132130 K2HUB > J066 H SM7AED
 07132131+W2TQC 449 H G4UPS
 07161900 WGRS 2 NY > LA 1091 T OGLETHOR
 07181905 WGRS 2 NY > LA 1091 T OGLETHOR
 07182115 WTVB 4 NY > LA 1091 T OGLETHOR
 07212125 W2 > DM59 H WMTK
 07212215 WGRS 2 NY > LA 1091 T OGLETHOR

UNITED STATES, W3

06112131 KDKA 2 PA PITTSBURG 1292 T WASIYX
 06120300 WMAZ 2 MD > IL 677 T ECKBERG
 07012124 W3JO 59/52 FM29 -5435 S EHSBFX
 07012127 WMAZ 2 MD > IL T MERRILL
 07012189 KDKA 2 PA > MN T EBEILING
 07062301 KYW 3 PA > IL T MERRILL
 07121210 WMAZ 2 MD > IL T MERRILL
 07121259 WPSX 3 PA > LA 975 T KRUSEKA
 07122151+W3HMK 559 -2224 H G4UPS
 07131111+W3IWU, W3JO # KH1H
 07122230 WMAZ 2 MD > IL T MERRILL
 07131600 W3IWU 57/52 FN20 -5425 S EHSBFX
 07131601 W3JO 57/51 FM29 -5435 S EHSBFX
 07131604 W3VIR 55/53 FN20 -5425 S EHSBFX
 07131610 K3PUJ 55/55 FN20 -5425 S EHSBFX
 07132227 W3HMK 559 QSB H G4UPS
 07161645 WRC 4 DC > LA 1042 T OGLETHOR
 07161645 WTTG 3 DC > LA 1042 T OGLETHOR
 07161658 WMAZ 2 MD > LA 1072 T OGLETHOR
 07161810 WTAZ 4 PA > LA 945 T OGLETHOR
 07161820 WPSX 3 PA > LA 1037 T OGLETHOR
 07161823 KDKA 2 PA > LA 945 T OGLETHOR
 07182106 KDKA 2 PA > LA 945 T OGLETHOR
 07182145 WTAZ 4 PA > LA 945 T OGLETHOR
 07212125 W3 > DM59 H WMTK
 07212205 WMAZ 2 MD > LA 1072 T OGLETHOR
 08121956 W3JO FM29 > IO91 C G3OIL
 08122032 W3LKK FM19 > IO91 S G3OIL
 08122034 W3VME FM19 > IO91 S G3OIL
 08122058 K3KO FM18 > IO91 C G3OIL
 08170330+W3XN -0355 > DM59 H WMTK

UNITED STATES, W4

06030110 WPBT 2 FL > IL 1229 T ECKBERG
 06031531 WCPX 6 FL ORLANDO 1056 T WASIYX
 06041759 WCBZ 2 SC CHARLOTTE 1139 T WASIYX
 06041845 WBTV 3 NC CHARLOTTE 1090 T WASIYX
 06061900 WPBT 2 FL > IL T MERRILL
 06061930 WEDU 3 FL > IL 1031 T ECKBERG
 06061940 WPBT 2 FL > IL 1229 T ECKBERG
 06061940 WPTV 5 FL > IL 1168 T ECKBERG
 06061959 WEDU 3 FL > IL T MERRILL
 06061959 WFOR 4 FL > IL T MERRILL
 06062000 WTVJ 6 FL > IL 1229 T ECKBERG
 06071700 WPBT 2 FL > IL T MERRILL
 06081529 WBTV 3 NC CHARLOTTE 1090 T WASIYX
 06081534 WWAY 3 NC WILMINGTON 1237 T WASIYX
 06081700 WDIQ 2 AL > IL T MERRILL
 06082354 WCBZ 2 SC CHARLOTTE 1139 T WASIYX
 06090229 WDIQ 2 AL DOSIER 739 T WASIYX

06090230 WEDU 3 FL TAMPA 994 T WASIYX
 06090233 WRBL 3 GA COLUMBUS 841 T WASIYX
 06090305 WRBZ 3 TN CHATTANOOG 867 T WASIYX
 06091559 WTKR 3 VA NORFOLK 1371 T WASIYX
 06091615 WFOR 4 FL > IL T MERRILL
 06091630 WEDU 3 FL > IL T MERRILL
 06091630 WEDU 3 FL > IL T MERRILL
 06091630 WAPT 2 FL > IL T MERRILL
 06091745 WAVE 3 KY LOUISVILL 974 T WASIYX
 06101200 WAIQ 2 AL > IL 737 T ECKBERG
 06101200 WEDU 3 FL > IL 1031 T ECKBERG
 06101200 WESH 2 FL > IL 983 T ECKBERG
 06101227 WPBT 2 FL > IL T MERRILL
 06101229 WESH 2 FL > IL T MERRILL
 06110200 WESH 2 FL > IL T MERRILL
 06110226 WWAY 3 NC > IL T MERRILL
 06111600 WESH 2 FL > IL 983 T ECKBERG
 06111600 WPBT 2 FL > IL 1229 T ECKBERG
 06111653 WESH 2 FL > IL T MERRILL
 06111659 WPBT 2 FL > IL T MERRILL
 06111830 WEAR 3 FL > IL 792 T ECKBERG
 06111930 WDIQ 2 AL > IL T MERRILL
 06111930 WMAZ 3 FL > IL T MERRILL
 06112330 WEDU 3 FL > IL 1031 T ECKBERG
 06120155 WTKR 3 VA > IL 767 T ECKBERG
 06120200 WUND 2 NC > IL 797 T ECKBERG
 06131450 WPBT 2 FL > IL T MERRILL
 06131629 W6JK 2 TN SNEEDVILL 1010 T WASIYX
 06131630 WBTW 3 NC CHARLOTTE 1090 T WASIYX
 06131759 WPBT 2 FL MIAMI 1147 T WASIYX
 06131827 WFLA 3 FL TAMPA 994 T WASIYX
 06141700 WFOR 4 FL > IL T MERRILL
 06141700 WPBT 2 FL > IL T MERRILL
 06150159 WBTW 3 NC CHARLOTTE 1090 T WASIYX
 06151559 WEDU 3 FL > IL T MERRILL
 06151559 WPBT 2 FL > IL T MERRILL
 06170058 WESH 2 FL > IL T MERRILL
 06171559 WBTW 3 NC CHARLOTTE 1090 T WASIYX
 06171620 WFOR 4 FL > IL T MERRILL
 06171627 WESH 2 FL > IL T MERRILL
 06171630 WEDU 3 FL > IL T MERRILL
 06171630 WPTV 2 FL > IL T MERRILL
 06171731 WWAY 3 NC WILMINGTON 1237 T WASIYX
 06171750 W4/KP4XS EM84-CT3FT 50.110 H NL213
 06180000 WESH 2 FL > IL T MERRILL
 06180000 WUFT 5 FL > IL T MERRILL
 06180026 WWAY 3 NC > IL T MERRILL
 06180028 WDIQ 2 AL > IL T MERRILL
 06180028 WTVY 4 AL > IL T MERRILL
 06180028 WEAR 3 FL > IL T MERRILL
 06180130 WPBT 2 FL > IL T MERRILL
 06180130 WSAV 3 GA > IL T MERRILL
 06180300 WTKR 3 VA > IL T MERRILL
 06180300 WUND 2 NC > IL T MERRILL
 06180325 WESH 2 FL > IL 983 T ECKBERG
 06181329 WCBZ 2 SC CHARLOTTE 1139 T WASIYX
 06181400 WFOR 4 FL > IL 1229 T ECKBERG
 06181432 WEDU 3 FL > IL T MERRILL
 06181432 WPBT 2 FL > IL T MERRILL
 06181432 WPTV 5 FL > IL T MERRILL
 06181500 WCTV 6 GA > IL 807 T ECKBERG
 06181500 WEDU 3 FL > IL 1031 T ECKBERG
 06181500 WFTV 6 FL > IL 1168 T ECKBERG
 06181540 WESH 2 FL > IL 983 T ECKBERG
 06181600 WTVJ 6 FL > IL 1229 T ECKBERG
 06181616 WFOR 6 NC WILMINGTON 1228 T WASIYX
 06181630 WPBT 2 FL > IL T MERRILL
 06181659 WESH 2 FL > IL T MERRILL
 06181730 WWAY 3 NC > IL T MERRILL
 06190030 WPBT 2 FL > IL T MERRILL
 06200000 WESH 2 FL > IL T MERRILL
 06200000 WPBT 2 FL > IL T MERRILL
 06200000 WPBT 2 FL > IL 1229 T ECKBERG
 06200010 WFOR 4 FL > IL T MERRILL
 06200021 WPTV 5 FL > IL T MERRILL
 06200025 WCTV 6 GA > IL T MERRILL
 06200029 WCPX 6 FL > IL T MERRILL
 06200100 WEDU 3 FL > IL T MERRILL
 06211458 WSB 2 GA ATLANTA 886 T WASIYX
 06211529 WJSK 2 TN SNEEDVILL 1010 T WASIYX
 06217643 WAVE 3 KY LOUISVILL 974 T WASIYX
 06301644 WCBZ 2 SC CHARLOTTE 1139 T WASIYX
 06301658 WWAY 3 NC WILMINGTON 1237 T WASIYX
 06302200 WCBZ 2 SC WEAK > MN T EBEILING
 06302230 WDIQ 2 AL > MN T EBEILING
 07012030 WESH 2 FL > IL 983 T ECKBERG
 07012100 WEDU 3 FL > IL 1031 T ECKBERG
 07012100 WPBT 2 FL > IL 1229 T ECKBERG
 07012105 WFOR 4 FL > IL 1229 T ECKBERG
 07012110 WPTV 5 FL > IL 1168 T ECKBERG
 07012115 WTVJ 6 FL > IL 1229 T ECKBERG
 07012129 W4/KP4XS 57/57 EM84 -6228 S EHSBFX
 07012135 WUFT 5 FL > IL 923 T ECKBERG
 07012200 WJXT 4 FL > MN T EBEILING
 07012200 WMTW FL > NY 1084 88.5 F REMFRW
 07012205 WWAY 3 NC > IL 800 T ECKBERG
 07012315 WCTV 4 SC > IL T MERRILL
 07012315 WESH 2 FL > IL T MERRILL
 07012324 WCBZ 2 SC > IL T MERRILL
 07012350 WYUU FL Safety H 92.5 F CHERNOBS
 07012354 WMMB FL Ocala 93.7 F CHERNOBS
 07012357 WJXX FL Macolenn 92.1 F CHERNOBS
 07020015+WMPQ FL Ocala 92.9 F CHERNOBS
 07020018+WTTT FL Tallahas 94.9 F CHERNOBS
 07020022 WQIK FL Jacksonville 99.1 F CHERNOBS
 07020025 WBBQ GA Augusta 104.3 F CHERNOBS
 07020031 WOOF AL Dothan 99.7 F CHERNOBS
 07020033+WDEC FL Americus 94.7 F CHERNOBS
 07020036+WMLC FL Tallahas 104.9 F CHERNOBS
 07020037 WGST FL Canton 105.7 F CHERNOBS
 07020038+WWRQ FL Valdosta 107.7 F CHERNOBS
 07020042 WBBX FL Tallahas 96.1 F CHERNOBS
 07020044+WTTB FL Bonifay 97.7 F CHERNOBS
 07020050+WAAW SC Blackvill 97.9 F CHERNOBS
 07020051+WBAW SC Barnwell 99.1 F CHERNOBS

07020055 WKQL FL Jacksonville 96.9 F CHERNOSEB
07020055 WKTK FL Crystal 98.5 F CHERNOSEB
07020057 WMGO FL Orlando 98.9 F CHERNOSEB
07020058 WGCO GA Midway/J 98.3 F CHERNOSEB
07020100+WOOF AL 1060 99.7 F VA3RDK
07020100+WQIK FL 1045 99.1 F VA3RDK
07020107+WSCQ SC West Col 100.1 F CHERNOSEB
07020109+WOKA GA Douglas 106.7 F CHERNOSEB
07020111 WUNC 4 NC > IL T MERRILL
07020111 WUND 2 NC > IL T MERRILL
07020121 WBPR SC Georgetown 97.7 F CHERNOSEB
07020155+WDDQ GA Adel 92.1 F CHERNOSEB
07021600 WPBT 2 FL > IL 1229 T ECKBERG
07021700 WCBD 2 SC CHARLESTON 1139 T WA5IYX
07021700 WWAY 3 NC > IL 800 T ECKBERG
07021732 WWAY 3 NC WILMINGTON 1237 T WA5IYX
07021828 WPBT 2 FL > IL T MERRILL
07021833 WAVE 3 KY LOUISVILLE 974 T WA5IYX
07021928 WDUJ 3 FL > IL T MERRILL
07021928 WFOR 4 FL > IL T MERRILL
07042053 WBKR KY Owensboro 92.5 F SHAFTON
07050029 WUND 2 NC > IL T MERRILL
07061430 WPBT 2 FL > IL 1229 T ECKBERG
07061558 WYAG FL Sarasota 89.1 F CHERNOSEB
07061559 WUSF FL Tampa 89.7 F CHERNOSEB
07061700 WESH 2 FL > IL 983 T ECKBERG
07062200 WESH 2 FL > IL T MERRILL
07062202 WNC 3 NC WILMINGTON 1237 T WA5IYX
07062325 WWAY 3 NC > IL T MERRILL
07071359 WSJK 2 TN SNEEDSVILLE 1010 T SHAFTON
07081530 WSJK 2 TN SNEEDSVILLE T SHAFTON
07091630 WCBD 2 SC > IL 797 T ECKBERG
07091630 WDUJ 3 FL > IL 1031 T ECKBERG
07092000 WHSV 3 VA > IL T MERRILL
07092030 WDUJ 3 FL > IL T MERRILL
07092030 WUND 2 NC > IL T MERRILL
07092207 WWAY 3 NC > LA 810 T KRUSIKA
07092211 WCIV 4 SC > LA 680 T KRUSIKA
07100000 WCBD 2 SC > MN T EBELING
07100027 WCIV 4 SC > IL T MERRILL
07100027 WSCS 5 SC > IL T MERRILL
07100027 WTKR 3 VA > IL T MERRILL
07100053 WECT 6 NC > IL T MERRILL
07100057 WUNC 4 NC > IL T MERRILL
07100057 WUND 2 NC > IL T MERRILL
07100255 WFMY 2 NC > IL T MERRILL
07101530 WECT 6 NC > IL T MERRILL
07101530 WUNC 4 NC > IL T MERRILL
07101530 WUND 2 NC > IL T MERRILL
07101530 WWAY 3 NC > IL T MERRILL
07111453 WRAL 5 NC > IL T MERRILL
07111458 WFMY 2 NC > IL T MERRILL
07111458 WTKR 3 VA > IL T MERRILL
07111458 WUND 2 NC > IL T MERRILL
07112000+WA4 VY WEAK > JO66 H SM7AED
07112031 W4YV 429 > JO65 H SM7FJE
07112054 WA4MKO 339 > JO65 H SM7FJE
07112201 WB4WTC 559/549 EM95 ROGER G 4G4UPS
07112215 W4DR 559/559 FM17 BOB G 4G4UPS
07122354 WKRR 2 TN NASHVILLE 819 T WA5IYX
07130041 WAVE 3 KY LOUISVILLE 974 T WA5IYX
07130130 WEDU 3 FL > IL 1031 T ECKBERG
07130130 WPBT 2 FL > IL 1229 T ECKBERG
07131543 WMC 5 TN Memphis > NJ T SHAFTON
07131859 WDIQ 2 AL DOZIER 739 T WA5IYX
07131859 WSAV 3 GA SAVANNAH 1040 T WA5IYX
07132125 W4/KP4XS 529 EM84 > JO65 H SM7FJE
07132128 WB4WTC 569 H 4G4UPS
07132129 WB4WTC EM95 > JO66 SM7AED
07132132 W4MYA FM07 > JO66 SM7AED
07132135 W4/KP4XS EM84 > JO66 H SM7FJE
07132157 WP4WTC 339 EM95 > JO65 G SM7FJE
07132222 W4MYA 559 -2314 H 4G4UPS
07132232 W4DR 559/449 FM17 BOB G 4G4UPS
07132250 W4/KP4XS 559/449 EM84 G 4G4UPS
07151500+WUND 2 NC > IL T MERRILL
07161245 WESH 2 FL > LA 789 T OGLETHORP
07161510 WFOR 4 FL > LA 939 T OGLETHORP
07161512 WUFT 5 FL > LA 703 T OGLETHORP
07161530 WPTV 5 FL > LA 912 T OGLETHORP
07161659 WSAV 3 GA SAVANNAH 1040 T WA5IYX
07161725 WESH 2 FL > IL T MERRILL
07161730 WEDU 3 FL > IL T MERRILL
07161730 WJXT 4 FL > IL T MERRILL
07161730 WPBT 2 FL > IL T MERRILL
07161900 WAVE 3 KY > LA 607 T OGLETHORP
07161930 WEDU 3 FL > IL 1031 T ECKBERG
07162030 WDIQ 2 AL > IL T MERRILL
07162030 WPBT 2 FL > IL T MERRILL
07182030 WUND 2 NC > IL T MERRILL
07192000 WFOR 4 FL > IL T MERRILL
07192000 WPBT 2 FL > IL T MERRILL
07192115 WEDU 3 FL TAMPA 994 T WA5IYX
07192334 WSAV 3 GA SAVANNAH 1040 T WA5IYX
07192350 WESH 2 FL > IL 983 T ECKBERG
07200000 WPBT 2 FL > IL 1229 T ECKBERG
07201557 WEDU 3 FL TAMPA 994 T WA5IYX
07202227 WPBT 2 FL > LA 939 T OGLETHORP
07202235 WFOR 4 FL > LA 939 T OGLETHORP
07202243 WB4WTC # EM95 6150KM S EH17A/P
07211845 WPBT 2 FL > LA 939 T OGLETHORP
07211903 WFOR 4 FL > LA 939 T OGLETHORP
07212150 WCBD 2 SC > LA 805 T OGLETHORP
07212150 WCIV 4 SC > LA 805 T OGLETHORP
07212150 WSCS 5 SC > LA 805 T OGLETHORP
07261600 W4 GA AL -2236 > DM59 H WOMTK
08030027 KP4CIA 57 EM64 > DM59 W WOMTK
08030031 W4/WB9HRQ EM73 > DM59 ART W WOMTK
08030036 W4DUP EM55 > DM59 SANDY W WOMTK
08030103 KD4OQW EM73 > DM59 W WOMTK
08030107 KB4FMH EM64 > DM59 W WOMTK
08042200 WKRN 2 TN Es 2-3 > MN T EBELING
08042241 H4VC EM66 > DM59 AL W WOMTK
08171630 W4 FM04 > EM21 WA5JCI

UNITED STATES, W5

06070230 KMDI 2 TX > IL T MERRILL
06081800 KGBT 4 TX > IL T MERRILL
06081800 KIII 3 TX > IL T MERRILL
06081800 KRGV 5 TX > IL T MERRILL
06090201 KRGV 5 TX > IL T MERRILL
06092100 KIII 3 TX > IL T MERRILL
06092230 KGBT 4 TX > IL T MERRILL
06100000 KIII 3 TX > IL 1072 T ECKBERG
06100105 KRIS 6 TX > IL T MERRILL
06101230 KATC 3 LA > IL 742 T ECKBERG
06101230 KATC 3 LA > IL 809 T ECKBERG
06101310 WBRB 2 LA > IL 784 T ECKBERG
06101500 KASA 2 NM > IL 972 T ECKBERG
06101500 KPRC 2 TX > IL 893 T ECKBERG
06111800 WBRB 2 LA > IL 784 T ECKBERG
06111930 WBRB 2 LA > IL T MERRILL
06112200 KRGV 5 TX > IL 1189 T ECKBERG
06112215 KIII 3 TX > IL 1072 T ECKBERG
06112220 KGBT 4 TX > IL 1183 T ECKBERG
06112230 KRIS 6 TX > IL 1072 T ECKBERG
06112301 KRGV 5 TX > IL T MERRILL
06112306 KMSB 5 TX > IL T MERRILL
06112306 KMOL 4 TX > IL T MERRILL
06112310 KPRC 2 TX > IL 893 T ECKBERG
06112359 KGBT 4 TX > IL T MERRILL
06112359 KIII 3 TX > IL T MERRILL
06112359 KRIS 6 TX > IL T MERRILL
06112633 KIII 3 TX > IL T MERRILL
06132315 KMSB 5 TX > IL T MERRILL
06132315 KMOL 4 TX > IL T MERRILL
06161559 KMDI 2 TX NxBK > CA T PISSI
06171805 KPRC 2 TX > IL T MERRILL
06171850 KIII 3 TX > IL T MERRILL
06181602 WABG 6 MS GREENWOOD > IL T MERRILL
06181751 WDSU 6 LA > IL T MERRILL
06182100 KIII 3 TX > IL 1072 T ECKBERG
06182100 KRGV 5 TX > IL 1189 T ECKBERG
06182238 KIII 3 TX > IL T MERRILL
06182310 KDBC 4 TX NxBK > CA T PISSI
06182310 KENW 3 NM > CA T PISSI
06190000 KMDI 2 TX > IL T MERRILL
06190200 WBRB 2 LA > IL T MERRILL
06190228 KDFW 4 TX Wx > CA T PISSI
06190235 KAMR 4 TX > CA T PISSI
06190235 KASB 5 TX > CA T PISSI
06190235 KACV 2 TX ID > CA T PISSI
06201300 KPRC 2 TX > IL 893 T ECKBERG
06201330 KRGV 5 TX > IL 1189 T ECKBERG
06201400 KIII 3 TX > IL 1072 T ECKBERG
06201435 KDFW 4 TX > IL 738 T ECKBERG
06201500 KMSB 5 TX > IL 992 T ECKBERG
06230231 KMDI 2 TX News > CA T PISSI
06232127 KACV 2 TX Call > CA T PISSI
06272000 KENW 3 NM > IL 912 T ECKBERG
06271245 KSBK 3 TX Humble 89.3 F CHERNOSEB
06271246 KITT TX Shreveport 93.7 F CHERNOSEB
06271247+KCBT > NY 1268 90.9 F RENFREW
06271247+KRTT TX Houston 97.1 F CHERNOSEB
06271248+KROM TX > NY 1260 88.5 F RENFREW
06271250 KWKH TX Shreveport 94.5 F CHERNOSEB
06271258 KVNE TX Tyler 89.5 F CHERNOSEB
06271259+KWRW TX Rusk 97.7 F CHERNOSEB
06271204+KTBC TX Lampasas 98.9 F CHERNOSEB
06271207 KTUX TX Carthage 98.9 F CHERNOSEB
06271212+KTOY TX Texarkana 104.7 F CHERNOSEB
06271213+KMTU TX > NY 1262 88.1 F RENFREW
06271217 KOOI TX Jacksonville 106.5 F CHERNOSEB
06271219 KVTU TX > NY 1268 91.7 F RENFREW
06271229 KLDN TX Duffin 88.9 F CHERNOSEB
06271230 KCBT TX Dallas 90.9 F CHERNOSEB
06271230 KVTU TX Dallas 91.7 F CHERNOSEB
07020100+KICR TX 1290 98.7 F VA3RDK
07020100+KTDY TX 1310 99.9 F VA3RDK
07020100+WJMI MS 1150 99.7 F VA3RDK
07020108 KKKK LA New Iber 99.1 F CHERNOSEB
07020125+WAJY MS Brooksv 98.9 F CHERNOSEB
07020128+WLIN MS Gloucester 101.7 F CHERNOSEB
07020129 KLDE TX Houston 94.5 F CHERNOSEB
07020132 KCKW LA Laplace 92.3 F CHERNOSEB
07020133+KRVE LA Brusley 96.1 F CHERNOSEB
07020230 KPRC 2 TX > IL 893 T ECKBERG
07021300 KATC 3 TX > IL T MERRILL
07021300 KPRC 2 TX > IL T MERRILL
07021300 WNL 4 TX > IL T MERRILL
07021458 KDTN 2 TX CALL > CA T PISSI
07021600 KMDI 2 TX > MN T EBELING
07021630 KACV 2 TX > MN T EBELING
07021708 W5JHW 449 -1715 50.093 H 4G4UPS
07041700+WABG 6 MS Greenwood > NJ T SHAFTON
07042047 KHPQ OK Clinton 92.1 F SHAFTON
07042317+KOCO 5 OK Oklahoma > NJ T SHAFTON
07062318 KDKD AR Jacksonv 100.3 F CHERNOSEB
07062318 KURB AR Little Ro 98.5 F CHERNOSEB
07062330 KYIS OK Oklahoma 98.9 F CHERNOSEB
07070000+KIXR OK Ponca CI 100.1 F CHERNOSEB
07070001 KNID OK Enid 96.9 F CHERNOSEB
07070033 KXLS OK Alva 99.7 F CHERNOSEB
07071600 WTXI LA Galliano 94.3 F SHAFTON
07081500 KPRC 2 TX > MN T EBELING
07081600 KACB 3 TX > IL T MERRILL
07081600 KDTN 2 TX > IL T MERRILL
07081635 KOMA OK Oklahoma 92.5 F SHAFTON
07081657 KFSM 5 AR Fort Smith > NJ T SHAFTON
07081711 KEMV 6 AR Mountain View T SHAFTON
07081715 KHPQ AR Clinton 92.1 F SHAFTON
07081730 KISR AR FortSmith 93.7 F SHAFTON
07081800 WJMG MS Hattiesbu 92.1 F SHAFTON
07090200 WBRB 2 LA > IL T MERRILL
07091455 KPRC 2 TX > IL 893 T ECKBERG
07091520 KIII 3 TX > IL T MERRILL
07091520 KPRC 2 TX > IL T MERRILL
07091600 WBRB 2 LA > IL 784 T ECKBERG
07092031 WNL 4 LA > IL T MERRILL
07092100 KAVC 2 TX > MN T EBELING
07100010 KOMA OK Oklahoma 92.5 F SHAFTON

07100020 KYKC OK Byng 100.1 F SHAFTON
07100035 KSHH LA Couthatt 94.9 F SHAFTON
07100045 KSCS TX Ft. Worth 96.3 F SHAFTON
07100050 KIXB AR El Dorad 103.3 F SHAFTON
07100105 KWVE TX Tyler 101.5 F SHAFTON
07100114 KWFS TX Wichita 103.3 F SHAFTON
07100115 KBCT TX Alice 102.9 F SHAFTON
07100130 KKAJ OK Ardmore 95.7 F SHAFTON
07101437 KFYW TX Atlanta 100.1 F SHAFTON
07101439 KDBL AR Arkadelp 100.9 F SHAFTON
07101440 KKYR TX Texarkana 102.5 F SHAFTON
07101442 KVAL AR Sheridan 102.9 F SHAFTON
07101445 KBKX TX LaGrange 104.9 F SHAFTON
07101447 KDKY AR Lake Cit 104.9 F SHAFTON
07101450 KDDA TX Dallas 104.5 F SHAFTON
07101503 KWOS AR Mountain 103.3 F SHAFTON
07101503 KWKE AR Glenwood 104.5 F SHAFTON
07101508 KOOU AR Hardy 104.7 F SHAFTON
07101513 KFCM AR Cherokee 100.9 F SHAFTON
07101516 KMAG AR Fort Smit 99.1 F SHAFTON
07101520 KTCB AR Fort Smit 99.9 F SHAFTON
07101523 KBQB AR Fort Smit 100.7 F SHAFTON
07101525 KYKC OK Byng 100.1 F SHAFTON
07101535 KPYT OK Sulphur 100.9 F SHAFTON
07111600 KWHM 5 NM > IL 1026 T ECKBERG
07111650 KPRC 2 TX > IL 893 T ECKBERG
07111730 KDBC 2 TX > IL T MERRILL
07111730 KENW 3 NM > IL T MERRILL
07121632 KFOR 4 OK WxMap > CA T PISSI
07130000 KPRC 2 TX > IL T MERRILL
07130020 KIII 3 TX > IL T MERRILL
07130230 KIII 3 TX > IL 1072 T ECKBERG
07130422 KIII 3 TX > IL T MERRILL
07130430 KMOL 4 TX > IL T MERRILL
07152315 WBRB 2 LA > IL T MERRILL
07160000 KBTX 3 TX rare > IL T MERRILL
07160000 KGBT 4 TX > IL T MERRILL
07160000 KPRC 2 TX > IL T MERRILL
07160000 KRGV 5 TX > IL T MERRILL
07160014 KIII 3 TX > IL T MERRILL
07160018 KATC 3 LA > IL T MERRILL
07161650 KRTS TX Seabrook 92.1 F SHAFTON
07161702 KUHF TX Houston 88.7 F SHAFTON
07161708 KKRW TX Houston 93.7 F SHAFTON
07161710 KFDW 6 TX Beaumont > NJ T SHAFTON
07162000 WLBT 3 MS > IL 651 T ECKBERG
07192229 KDBC 4 TX > LA 746 T OGLETHORP
07192241 KDBC 4 TX > LA 910 T KRUSIKA
07192259 KWHM 5 NM > LA 955 T KRUSIKA
07192303 KOB 4 NM > LA 955 T KRUSIKA
07192330 KASA 2 NM > LA 753 T OGLETHORP
07192345 KWHM 5 NM > LA T OGLETHORP
07211835 KASA 2 NM > LA 753 T OGLETHORP
07212012 KDBC 4 TX > IL T MERRILL
07222200 KPRC 2 TX > IL T MERRILL
07222200 WNL 4 LA > IL T MERRILL
07222220 KGBT 4 TX > IL T MERRILL
07222220 KRGV 5 TX > IL T MERRILL
07222230 KMDI 4 TX > IL T MERRILL
07242250 KJOL 4 TX > MN T EBELING
07251718 KAMR 4 TX > IL T MERRILL
07251730 KENW 3 NM > IL T MERRILL
07251848 KASA 2 NM > IL T MERRILL
07261555 KACV 2 TX > TN T W9W1/4
07261555 KASA 2 NM > TN T W9W1/4
07261555 KENW 3 NM > TN T W9W1/4
07261600 KAMR 4 TX > TN 829 T W9W1/4
07261700 WNL 4 LA > MN T EBELING
07261750 KDFW 4 TX > IL T MERRILL
07261752 KACB 3 TX > IL T MERRILL
07261800 KDTN 2 TX > IL T MERRILL
07261800 KXAS 5 TX rare > IL T MERRILL
07290300 W5 SPOTTY > CM88 K6QXY
08011740 WA5UUD EL49 > DM59 -1810 W WOMTK
08051500 W5 NM TX > CM88 -2000 K6QXY
08051622 W5FF DM64 > CM88 50.130 S VE78KA
08051642 KASA 2 NM 1245 T VE78KA
08051700SKENW 3 NM 1467 T VE78KA
08080300 W5 NM > CM88 -0430 K6QXY
08121509 KC5OFI EL29 > DM59 JACK W WOMTK
08130100 W5 > DM59 H WOMTK
08130258 KASA 2 NM T VE78KA
08150109 W5HYV DM75 > EM48 H WAOBBS
08150150 W5JHV EL17 > EM48 H X80F

UNITED STATES, W6

06141458 KCBS 2 CA LOS ANGEL 1186 T WA5IYX
06201718 KCBS 2 CA LOS ANGEL 1186 T WA5IYX
06230329 KXYT 3 CA STBARBARA 1295 T WA5IYX
07222025 W6 > DM59 H WOMTK
07290230 W6XQ, K7JA/6 tr 144.2 W KH6FOO
08041951 K6FV ms CM87 > CM88 50.069 B VE78KA
08051500 W6 SO, CA > CM88 -2000 K6QXY
08051754 KB6IHA DM04 > CM88 50.125 S VE78KA
08071849 W6 -1930 & 2234-0306 H WOMTK
08080133 KGLE CA 102.9 F VE78KA
08080136 W6/WB9AJ7S CM87>DM70 Es 144 W KOGU
08080138 WA6LHD CM88 > CM88 Es 144 W KOGU
08080140 W6KBC CM88 > CM88 Es 144 W KOGU
08080140 WA6ZPK CM99 > CM88 Es 144 W KOGU
08080151 K6CQR CM99 > CM88 Es 144 W KOGU
08080151 K6MHC CM99 > CM88 Es 144 W KOGU
08080239 KD6MH DM06 > CM88 50.125 S VE78KA
08080240 W6RMV DM14 > CM88 50.125 S VE78KA
08080300 W6 SO, CA > CM88 -0430 K6QXY
08080317 K6DBTS/MM CM93>CM88 50.140 S VE78KA
08080318 KV6I DM04 > CM88 50.165 S VE78KA
08080323 K6FV brief CM87>CM88 .069 B VE78KA
08100158 KIEM 3 CA ms 562 T VE78KA
08102108 K6FV ms CM87 > CM88 50.069 B VE78KA
08160302 K6FV CM87 > CM88 50.069 B VE78KA
08160309 KB6MAN CM87 > CM88 50.125 S VE78KA
08160311 K6DGPJ CM87 > CM88 50.125 S VE78KA
08180122 K6FV CM87 > CM88 50.069 B VE78KA
08180125 KB6DPV CM98 > CM88 50.125 S VE78KA
08180126 KB6MAN CM87 > CM88 50.125 S VE78KA

081801127 AB6PY CM88 > CM88 50.125 S VE7SKA
081801128 KD6FYK CM88 > CM88 50.125 S VE7SKA
081801134 KTVU 2 CA T VE7SKA
081801142 KD6GPJ CM87 > CM88 50.125 S VE7SKA

UNITED STATES, W7

06031030 KTWQ 2 WY CASPER 1011 T WASIYX
06092331 KSVI 6 MT BILLINGS 1245 T WASIYX
06100319 KTWQ 2 WY CASPER 1011 T WASIYX
06101300 KUTV 2 UT > IL 1139 T ECKBERG
06101800 KSL 5 UT > IL T MERRILL
06101800 KTWQ 2 WY > IL T MERRILL
06101900 KIDK 3 ID > IL T MERRILL
06102013 KHMT 4 MT > IL T MERRILL
06141540 KTVK 3 AE PHOENIX 836 T WASIYX
06150100 KVBC 3 NV LAS VEGAS > IL T MERRILL
06150100 KVVU 5 NV LAS VEGAS > IL T MERRILL
06150300 KRTV 3 MT > IL T MERRILL
06171800 KTVQ 2 MT > IL T MERRILL
06171830 KSVI 6 MT > IL T MERRILL
06171843 KTVM 6 MT > IL T MERRILL
06172024 KVBC 3 NV > IL T MERRILL
06200130 KUTV 2 UT > IL 1139 T ECKBERG
06211954 KTVK 3 AE PHOENIX 836 T WASIYX
06220345 KVBC 3 NV LAS VEGAS 1052 T WASIYX
06230215 KNAE 2 AE > IL 1258 T ECKBERG
07021714 KNAE 2 AE > MN T ECKBERG
07021730 KTWQ 2 WY > IL 849 T ECKBERG
07021805 KIDK 3 ID > IL 1123 T ECKBERG
07071722 KTVQ 2 MT > CA T PISSE
07071826 KRTV 3 MT CALL > CA T PISSE
07082300 KTVK 3 AE PHOENIX 836 T WASIYX
07092030 KNAE 2 AE > IL 1258 T ECKBERG
07092328 KTVQ 2 MT > IL T MERRILL
07101923 KIDK 3 ID IDAHOFALL 1240 T WASIYX
07130033 KHMT 4 MT > IL T MERRILL
07141800 KFBF 5 MT > IL 1112 T ECKBERG
07192226 KTVK 3 AE > LA 1245 T KRUSKA
07192245 KNAE 2 AE > LA 1045 T OGLETHOR
07192245 KVOA 4 AE > LA 1004 T OGLETHOR
07192258 KPHO 5 AE > LA 1065 T OGLETHOR
07192332 KVOA 4 AE > LA 1175 T KRUSKA
07200015 KTVX 4 UT > LA 1160 T OGLETHOR
07200037 KCWC 4 WY > LA 1071 T OGLETHOR
07200040 KVVU 5 NV > LA 1238 T OGLETHOR
07200050 KGNW 5 WY > LA 859 T OGLETHOR
07200059 KTWQ 2 WY > LA 996 T OGLETHOR
07201805 KTVK 3 AE PHOENIX 836 T WASIYX
07210129 KNAE 2 AE > LA 1045 T OGLETHOR
07211815 KNAE 2 AE > LA 1045 T OGLETHOR
07211815 KVOA 4 AE > LA 1004 T OGLETHOR
07211920 KUTV 2 UT > LA 1160 T OGLETHOR
07211940 KCWC 4 WY > LA 1071 T OGLETHOR
07211958 KGNW 5 WY > LA 1071 T OGLETHOR
07212010 KTVQ 2 MT > LA 1215 T OGLETHOR
07212020 KHMT 4 MT > LA 1184 T OGLETHOR
07212224 KGNW 5 WY > IL T MERRILL
07220000 KTVQ 2 MT > IL 968 T ECKBERG
07251600 SKWE WY > TN 1242 90.5 F W9W1/4
07251700 KHMT 4 MT > IL T MERRILL
07251700 KTVQ 2 MT > IL T MERRILL
07261600 W7 OR > CM88
07290300 W7 SPOTTY > CM88
07310224 W7SKT > DM59 W WONTK
07310300 W7 MT > CM88
07310400 KE7BS DN31 > E52 -0430 B WASJML
08010150 W7 AE > CM88
08010230 KC7QBD, W7WMS CM86 50.125 W WONTK
08010330 W7/WALJXH DN27 > E448 -0415 W KSOF
08014535 W7WBQ DM42 > CM88 50.130 S VE7SKA
08014542 W7US DM42 > CM88 50.068 B VE7SKA
08014555 W7KSF DM42 > CM88 50.125 S VE7SKA
08014557 KTVK 3 AE 1223 T VE7SKA
08014608 AA7A DM43 > CM88 50.140 S VE7SKA
08014625 W7CI DM41 > CM88 50.125 S VE7SKA
08014628 KNAE 2 AE T VE7SKA
08014629 W7BQ DM41 > CM88 50.1 S VE7SKA
08014633 W7WJOF DM43 > CM88 50.1 S VE7SKA
08014656 K7ICW DM26 > CM88 50.150 S VE7SKA
08051500 W7/W6SKC AE > CM88 -2000 B K6QXY
08051555 K7CA DM26 > CM88 50.125 S VE7SKA
08051758 W7HAH MD28 > CM88 50.0625 B VE7SKA
08051827 W7/WB9CQX DM33 > CM88 50.133 S VE7SKA
08070136 K7CA DM26 > CM88 E 144 W VE7SKA
08070137 K7ICW DM26 > CM88 E 144 W VE7SKA
08070138 AA7A DM43 > CM88 E 144 W VE7SKA
08070143 W7BS DM42 > CM88 E 144 W VE7SKA
08072150 W7WBQ DM42 > CM97 S KD6WVL
08072200 W7/WB9CQX DM33 > CM97 S KD6WVL
08072204 W7ULP DM43 > CM97 S KD6WVL
08080002 KNAE 2 AE T VE7SKA
08080016 W7/W6SKC DM41 > CM88 50.075 B VE7SKA
08080029 KRVV 4 EV T VE7SKA
08080046 KIDK 3 ID T VE7SKA
08080050 W7HAH -0132 > CM87 50.062 B K6FV/M
08080100 W7H DM31 > CM97 S KD6WVL
08080100 -W7 WY, UT > CM88 144. E K6QXY
08080106 SKNAU AE 88.7 F VE7SKA
08080109 KB7CVH DM41 > CM97 S KD6WVL
08080112 KVN A AE 97.5 F VE7SKA
08080113 KESE UT 99.7 F VE7SKA
08080117 SKILA EV 90.5 F VE7SKA
08080119 SKKLE EV 96.3 F VE7SKA
08080122 KFB I 105.1 F VE7SKA
08080125 KGVW EV 99.1 F VE7SKA
08080126 KRVV EV 101.7 F VE7SKA
08080129 SKUWR EV 88.7 F VE7SKA
08080137 W7EGH 59 DN22 > CM87 50.125 H K6FV
08080142 W7H DM31 > CM87 50.130 H K6FV
08080148 W7EGH DN22 > CM97 S KD6WVL
08080156 KLK EV 107.9 F VE7SKA
08080159 KNLB AE 91.1 F VE7SKA
08080159 KTVK 3 AE T VE7SKA
08080200 KE7BS 599+ DN31 B W6YKM
08080200 W7K 529 DM09 NV B W6YKM
08080200 W7HAH 599+ DN38 B W6YKM

08080202 KESE AE 94.7 F VE7SKA
08080208 KAHM AE 102.1 F VE7SKA
08080210 SKME AE 107.9 F VE7SKA
08080214 KOOL AE 94.5 F VE7SKA
08080217 KVRV AE 104.7 F VE7SKA
08080219 SKJRS AE 91.5 F VE7SKA
08080223 KSLVA AE 105.5 F VE7SKA
08080226 KLOB AE 103.1 F VE7SKA
08080231 KUAT AE 90.5 F VE7SKA
08080239 KUAS AE 89.1 F VE7SKA
08080300 W7 ID, OR, AE > CM88 -0430 K6QXY
08080328 W7/W6SKC DM41 > CM88 50.075 B VE7SKA
08080337 W7GID YUMA AE > CM87 50.125 H K6FV
08010545 W7AVK CM84 > CM95 S WB7QBS/7
08010608 W7W CM88 > CM95 S WB7QBS/7
08010310 W7AVK CM84 > CM74 WFA789 S WB7QBS/7
08010310 W7/WOXX CM84 > CM83 S WB7QBS/7
08011455 W7B IJ CM85 > CM83 S WB7QBS/7
08011633 W7/WOXX -1634 W WONTK
08012052 W7AVK CM84 > CM81 S WB7QBS/6
08012056 W7B IJ CM85 > CM81 S WB7QBS/6
08012057 W7B IJ CM88 > CM81 S WB7QBS/6
08012143 W7B CM85 > CM81 S WB7QBS/6
080130146 W7W > DM84 W KD5XB
080130208 W7W -0212 > DM84 W KD5XB
08013023 W7ART CM94 > CM94 S WB7QBS/7
080130324 W7/WA6M3 DM42 > CM88 50.125 S VE7SKA
080130329 KTVK 3 AE 1223 T VE7SKA
080150230 W7AKU, W7GJD DM51 > EM48 WAKB
08171537 KADQ ID ms 14 sec 94.3 F VE7SKA

UNITED STATES, W8

06011659 WDTN 2 OH DAYTON 1076 T WASIYX
06041918 WSAE 3 WV HUNTINGDO 1123 T WASIYX
06061758 WSAE 3 WV HUNTINGDO 1123 T WASIYX
06061859 WDTN 2 OH DAYTON 1076 T WASIYX
06010659 WDTN 2 OH DAYTON 1076 T WASIYX
06121218 WSAE 3 WV HUNTINGDO 1123 T WASIYX
06121240 WDTN 2 OH DAYTON 1076 T WASIYX
06131458 WJBK 2 MI DETROIT 1238 T WASIYX
06131517 WJBK 3 WV HUNTINGDO 1123 T WASIYX
06150201 WSAE 2 MI DETROIT 1238 T WASIYX
06172327 WSAE 3 WV HUNTINGDO 1123 T WASIYX
06190117 WKYC 3 OH CLEVELAND 1253 T WASIYX
06231428 WDTN 2 OH DAYTON 1076 T WASIYX
06271618 WSAE 3 WV HUNTINGDO 1123 T WASIYX
06271922 WJBK 3 MI ESCABARA 1310 T WASIYX
07020100 WDIV 4 MI > LA 935 T KRUSKA
07021841 WDTN 2 OH DAYTON 1076 T WASIYX
07071529 WDTN 2 OH DAYTON 1076 T WASIYX
07091359 WJBK 2 MI DETROIT 1238 T WASIYX
07121218 W8SD 449 QSB H G4UPS
07121219 W8SD 559/559 EM79 JOHN C G4UPS
07121244 K8MFO 559/559 EM90 DON C G4UPS
07122329 WJBK 2 MI DETROIT 1238 T WASIYX
07132142 W8SD 559 H G4UPS
07160017 WTON 4 MI > LA 1110 T KRUSKA
07161459 WDTN 2 OH DAYTON 1076 T WASIYX
07161925 WDTN 2 OH > LA 735 T OGLETHOR
07161931 WWSW 5 OH > LA 917 T OGLETHOR
07161934 WDIV 4 MI > LA 904 T OGLETHOR
07162010 WWSW 5 MI > LA 943 T OGLETHOR
07162147 WTON 4 MI > LA 1042 T OGLETHOR
07182106 WDTN 2 OH > LA 735 T OGLETHOR
07182115 WWSW 5 OH > LA 917 T OGLETHOR
07182125 WWSW 5 OH > LA 795 T OGLETHOR
07182220 WJBK 2 MI > LA 904 T OGLETHOR
07242151 WJBK 2 MI DETROIT 1238 T WASIYX
07242223 WSAE 3 WV HUNTINGDO 1123 T WASIYX
07261532 WMMT 3 MI KALAMAZOO 1161 T WASIYX
08061742 WBSVTV # EM89 BHITA/F

UNITED STATES, W9

06011748 WCIA 3 IL CHAMPAIGN 931 T WASIYX
06112206 WITI 6 WI MILWAUKEE 1110 T WASIYX
06120059 WISN 3 IL CHAMPAIGN 931 T WASIYX
06131456 WBBM 2 WI GREEN BAY 1183 T WASIYX
06132210 WBBM 2 IL CHICAGO 1053 T WASIYX
06132229 WISC 3 WI MADISON 1062 T WASIYX
06182059 WBAW 3 IL CHAMPAIGN 931 T WASIYX
06182059 WBAW 2 WI GREEN BAY 1183 T WASIYX
06271458 WBAW 2 WI GREEN BAY 1183 T WASIYX
07021327 K9DOT 55/55 S EHBSPF
07020130 WISC 3 WI > LA 875 T KRUSKA
07042210 WTVQ 2 IN Terre Haute > NJ T SHAFTON
07062215 WISC 3 WI Madison > NJ T SHAFTON
07062230 WITI 6 WI Milwaukee > NJ T SHAFTON
07062240 WBBF 4 IL Rock Island > NJ T SHAFTON
07070010 WOLX WI Saraboo 94.9 F SHAFTON
07091359 WLSI 3 IL HARRISBURG 792 T WASIYX
07010703 KJRTV 6 WI > IL T MERRILL
07111559 WBAW 2 WI GREEN BAY 1183 T WASIYX
07112225 WBSW WI Ashland 93.3 F SHAFTON
07112256 WBSW WI Sturgeon 89.7 F SHAFTON
07122259 WBAW 2 WI GREEN BAY 1183 T WASIYX
07122311 WISC 3 WI MADISON 1062 T WASIYX
07132142 WBSK 449 CLG CO H G4UPS
07132320 WBSW 2 IL CHICAGO 1053 T WASIYX
07161459 WLSI 3 IL HARRISBURG 792 T WASIYX
07162120 WBSM 2 IL > LA 737 T OGLETHOR
07212025 W9WQP EM69 > DM59 S WONTK
07212127 B9PDC EM69 > DM59 TOM S WONTK
07242145 WBSK 3 WI MADISON 1062 T WASIYX
07261550 WBBM 2 IL CHICAGO 1053 T WASIYX
08051630 W9WMS IN > DM59 H WONTK

UNITED STATES, W0

06020158 KTVO 3 MO KIRKSVILL 838 T WASIYX
06020200 KGAN 2 IA CEDARAPIDS 960 T WASIYX
06031658 KDLO 3 SD FLORENCE 1071 T WASIYX
06031720 KOTA 3 SD RAPIDCITY 1039 T WASIYX
06061959 KNOF 2 NE NORTHPLAT 819 T WASIYX
06061959 KTVO 3 MO KIRKSVILL 838 T WASIYX

06062124 KDLO 3 SD FLORENCE 1071 T WASIYX
06062359 KMTV 3 NE OMAHA 829 T WASIYX
06070015 KOTA 3 SD RAPIDCITY 1039 T WASIYX
06091959 KTVI 2 MO ST LOUIS 782 T WASIYX
06092030 KBNW 3 MO ID > CA T PISSE
06101600 KWGN 2 CO > IL 811 T ECKBERG
06111719 KTVI 2 MO ST LOUIS 782 T WASIYX
06112031 KGAN 2 IA CEDARAPIDS 960 T WASIYX
06112056 KDLO 3 SD FLORENCE 1071 T WASIYX
06112101 KGFE 2 ND GRANDFORK 1289 T WASIYX
06120139 KMTV 3 IA MASOCHIST 1011 T WASIYX
06131648 KNOF 2 NE NORTHPLAT 819 T WASIYX
06132159 KTVI 2 MO ST LOUIS 782 T WASIYX
06132331 KOTA 3 SD RAPIDCITY 1039 T WASIYX
06132359 KUSD 2 SD VERMILLION 942 T WASIYX
06140000 KMTV 3 NE OMAHA 829 T WASIYX
06150318 KGAN 2 IA CEDARAPIDS 960 T WASIYX
06172322 KDLO 3 SD FLORENCE 1071 T WASIYX
06181859 KTVI 2 MO ST LOUIS 782 T WASIYX
06182158 KGAN 2 IA CEDARAPIDS 960 T WASIYX
06200232 KHAS 5 NE WxKb > CA T PISSE
06200234 KNOF 2 NE Call > CA T PISSE
06200311 KGAN 2 IA CEDARAPIDS 960 T WASIYX
06201327 KGAN 2 IA CEDARAPIDS 960 T WASIYX
06201659 KTVS 3 CO STIRLING 807 T WASIYX
06201759 KWGN 2 CO DENVER 802 T WASIYX
06212259 KBME 3 ND BISMARCK 1187 T WASIYX
06220053 KSKC 2 KS > CA T PISSE
06230055 KOTA 3 SD RAPIDCITY 1039 T WASIYX
06230228 KHAS 5 NE WxKb > CA T PISSE
06230232 KLNW 3 NE > CA T PISSE
06230234 KSNB 4 NE > CA T PISSE
06230300 KNOF 2 NE Wx > CA T PISSE
06230300 KWGN 2 CO Wx > CA T PISSE
06232120 KLNW 3 NE HETV > CA T PISSE
06232128 KWGN 2 CO > CA T PISSE
06232159 KNOF 2 NE ID > CA T PISSE
06241725 KLEY 4 KS KSNB > CA T PISSE
06271456 KTVO 3 MO KIRKSVILL 838 T WASIYX
06271715 KDHL 3 MN DULUTH 1244 T WASIYX
06301959 KBME 3 ND > IL T MERRILL
06301959 KBME 4 ND > IL T MERRILL
06301959 KBME 4 ND > IL T MERRILL
07012156 KUMR MO > WY 826 88.5 F RENFWW
07020040 KTOI MO Marshfield 104.7 F CHERROSB
07020157 WCCO 4 MN > LA 995 T KRUSKA
07020259 KDLO 3 SD > LA 1025 T KRUSKA
07020259 KTVI 4 IA > LA 880 T KRUSKA
07021458 KUSD 2 SD VERMILLION 942 T WASIYX
07021458 KWGN 2 CO > CA T PISSE
07021459 KDLO 3 SD FLORENCE 1071 T WASIYX
07021500 KCWC 2 CO > CA T PISSE
07021500 KSNB 4 NE WTV > CA T PISSE
07021530 KLEY 4 KS KAKE ID > CA T PISSE
07021530 KSKW 3 KS Smoky Hills > CA T PISSE
07021531 KOAA 5 CO CHS, 5/30 > CA T PISSE
07021540 KMTV 3 NE OMAHA 829 T WASIYX
07021558 KOTA 3 SD RAPIDCITY 1039 T WASIYX
07021559 KNOF 2 NE NORTHPLAT 819 T WASIYX
07042200 WGBH 2 MO > IL 918 T ECKBERG
07061729 KUSD 2 SD VERMILLION 942 T WASIYX
07062101 KBME 3 ND > TN 89.9 F W9W1/4
07062101 KDPR ND > TN 89.9 F W9W1/4
07062210 KLEY 4 KS Colby > NJ T SHAFTON
07062255 KGFE 2 ND > TN //KBME-3 T W9W1/4
07062330 KESQ NE Omaha NE 92.3 F SHAFTON
07062331 KRVV NE Lexington 93.1 F SHAFTON
07062335 KLDS NE Lincoln 95.1 F SHAFTON
07062338 KGOR NE Omaha 99.9 F SHAFTON
07062340 KSEK KS Girard 99.1 F CHERROSB
07062345 KNOF 2 NE North Platte T SHAFTON
07062355 KOQA NE Ogalalla 99.7 F SHAFTON
07062359 KTLI KS El Dorado 99.1 F CHERROSB
07070017 KANS KS Oaage Cit 92.9 F CHERROSB
07070020 KIBW KS Wlochia 90.7 F CHERROSB
07070030 KHCC KS Hutohino 90.1 F CHERROSB
07070030 KMOV MO Kansas Ci 93.3 F CHERROSB
07070050 KQRC KS Leavenwor 98.9 F CHERROSB
07070055 KDGS KS Andover 93.9 F CHERROSB
07070100 KRBB KS Wlochia 97.9 F CHERROSB
07070104 KFDI KS Wlochia 101.3 F CHERROSB
07070105 KFPX KS Emporia 104.9 F CHERROSB
07070130 KMTV 3 NE OMAHA > WY T RENFWW
07070200 K3 KS Smoky Hills Pubt RENFWW
07071700 KDUB 4 NE > CA T PISSE
07071700 KDMA 2 ND > CA T PISSE
07080000 WDAY ND Fargo 93.7 F CHERROSB
07080001 KYCK MN Crookston 97.1 F CHERROSB
07080007 WTBX MN Hibbing 93.9 F CHERROSB
07080059 KMOL MO Carthage 95.1 F CHERROSB
07080100 KELO SD Sioux Fal 92.5 F SHAFTON
07080104 KKOI MO Mountain 96.9 F CHERROSB
07080111 KWQA MN Worthingt 95.1 F SHAFTON
07080115 KKNZ NE Norfolk 89.3 F SHAFTON
07080118 KQWC IA Webster C 95.7 F SHAFTON
07080121 KOLS KS Dodge Cit 95.5 F CHERROSB
07080124 KDGS KS Andover 93.9 F CHERROSB
07080127 KRBB KS Wlochia 97.9 F CHERROSB
07080130 KTVI KS Topoka 88.1 F CHERROSB
07080131 KKOI NE Columbus 93.5 F SHAFTON
07080140 KJLTV NE W. Platte 94.9 F SHAFTON
07080145 KTLI KS El Dorado 99.1 F CHERROSB
07080150 KTRP NE Kearny 98.9 F SHAFTON
07080155 KOQA NE Ogalalla 99.7 F SHAFTON
07081505 KGAN 2 IA CEDARAPIDS 960 T WASIYX
07081630 KMTV 3 NE OMAHA 829 T WASIYX
07081658 KOTA 3 SD RAPIDCITY 1039 T WASIYX
07081704 KDLO 3 SD FLORENCE 1071 T WASIYX
07091600 KSKW 3 KS ID > CA T PISSE
07091630 KUSD 2 SD VERMILLION 942 T WASIYX
07091720 KDLE 3 MN DULUTH 1244 T WASIYX
07091829 KTCG 2 MN ST PAUL 1116 T WASIYX
07092209 KWGN 2 CO > IL T MERRILL
07092357 KSNW MO Joplin 92.5 F SHAFTON
07100500 KOTA 2 SD Rapid City > NJ T SHAFTON
07101500 KESD SD Martin 102.5 F SHAFTON
07101531 KUTT NE Fairbury 99.5 F SHAFTON

07101540 KTCL CO Fort Coll 93.3 F CHERWOS
07101541 KLTR KS El Dorado 99.1 F CHERWOS
07101547 KCLR MO Boonville 99.3 F CHERWOS
07101555 KUAD CO Windsor 99.1 F CHERWOS
07101600 KMTY NE Holbbredge 97.7 F SHAFTON
07101600 KSID NE Sidney 98.7 F CHERWOS
07101610 KIMN CO Denver 100.3 F CHERWOS
07101615 KRNE NE Merriman 91.5 F CHERWOS
07101650 KILI SD Porcupine 90.1 F CHERWOS
07101700 KDLH 3 MN 442 > IL T MERRILL
07111658 KGAN 2 IA CEDARAPIDS 960 T WA5IYX
07111759 KUSD 2 SD VERMILLION 942 T WA5IYX
07112150 KRUE MN Waseca 92.1 F SHAFTON
07112223 WSCD MN Duluth 92.9 F SHAFTON
07112227 QKDS MN Duluth 94.9 F SHAFTON
07112249 WELY MN Ely 92.1 F SHAFTON
07121600 KDUR 4 NE > CA T PISSI
07121600 KXMA 2 ND ID > CA T PISSI
07122331 KOTA 3 SD > LA 1150 T KRUSEKA
07130016 KDLO 3 SD > LA 1025 T KRUSEKA
07130029 KDLH 3 MN > LA 1080 T KRUSEKA
07130157 KTVS 3 CO > LA 945 T KRUSEKA
07130249 KMTV 3 NE > LA 790 T KRUSEKA
07130319 KBME ND BISMARCK 1187 T WA5IYX
07131341 KJOY IA Ankeny 92.5 F SHAFTON
07132212 KGAN 2 IA CEDARAPIDS 960 T WA5IYX
07132259 KTCB 2 MN ST PAUL 1116 T WA5IYX
07152236 KRKG 3 CO > LA 1105 T KRUSEKA
07152237 KOAA 5 CO > LA 940 T KRUSEKA
07152305 KDLO 3 SD > LA 1025 T KRUSEKA
07152305 KTVI 4 IA > LA 880 T KRUSEKA
07160005 WCCO 4 MN > LA 995 T KRUSEKA
07160100 KSNB 4 NE > LA 765 T KRUSEKA
07192216 KOAA 5 CO > LA 940 T KRUSEKA
07192258 KLBV 4 KS > LA 633 T OGLETHOR
07192335 KWGN 2 CO > LA 806 T OGLETHOR
07200035 KCNC 4 CO > LA 806 T OGLETHOR
07211842 KOTA 3 SD RAPIDCITY 1039 T WA5IYX
07220240 KXMA 2 ND > LA 1110 T OGLETHOR
07241611 KAOIQR EM48 > DM59 PETE W WOMTR
07251559 KCNC 4 CO > IL T MERRILL
07251559 KRKG 3 CO > IL T MERRILL
07251559 KWGN 2 CO > IL T MERRILL
07251611 KAOIQR EM48 > DM59 50.125 W WOMTR
07251715 KDLO 3 SD FLORENCE 1071 T WA5IYX
07261450 KGAN 2 IA CEDARAPIDS 960 T WA5IYX
07261600 WO CO > CM88 K6QXY
07261700 KREA CO > TN 1047 88.7 F W9WI/4
07261702 KCRT CO > TN 962 92.5 F W9WI/4
07261729 KINT 3 IA MASONCITY 1011 T WA5IYX
07310400 WOMTK DM59 > EN52 -0430 B WA9JML
08012134 WOREK 58 KS > DM59 -2158 W WOMTR
08012158 KORTC EM27 > DM59 -2203 W WOMTR
08041606 KAOSCM EN36 > DM59 BILL W WOMTR
08041654 WO/KAZAYR EM48 > DM59 STEVEN WOMTR
08042046 KXOO DM78 > CN88 50.125 S VE7SKA
08051500 WOMTK, WOIJR CO -2000 B K6QXY
08051552 WOIJR DM79 > CN88 50.065 B VE7SKA
08051610 KAOBAD DM57 > CN88 50.135 B VE7SKA
08080000 WOMTK, WOIJR > CM97 50.065 B K6FV/M
08080050 WOMTK > CM97 50.065 B K6FV/M
08080100-WO CO > CM88 144. Es K6QXY
08080137 KOCL 59 > CM87 50.125 H K6FV
08080141 KBOWLK DM69 > CM87 50.145 H K6FV
08080215 WAODYU W032 > CM97 S KD6WVL
08090254 NOLL EM09 > CN88 50.077 B VE7SKA
08090305 WBORMO EN10 > CN88 50.060 B VE7SKA
08090322 KOGU ms DM70 > CN88 50.125 S VE7SKA
08101000-KXMA 2 ND ms 694 T VE7SKA
08130243 NOLL EM09 > CN88 50.077 B VE7SKA
08130246 WOIJR DM79 > CN88 50.065 B VE7SKA
08130247 WOIJR DM76 > CN88 50.1 S VE7SKA
08130302 KAOBAD DM57 > CN88 50.1 S VE7SKA
08130307 WDOBQM DM81 > CN88 50.1 S VE7SKA
08130331 NOGVK EN10 > CN94 S WB7QBS/7
08130333 NOGVK EN10 > CN95 S WB7QBS/7

Reports of Oceania

AUSTRALIA-VK3

07030425 VK3OT EL2AGI
07090541 VK3LK EL3AAU
07090547 VK3LK EL3TLG

AUSTRALIA-VK4

06300341 VK4RGG & BY EL3TIC EL3ADT
06300342 VK4APL & BY EL3TIC EL3ADT
07120151 VK4APG 59 # W VK4GNG
07120358 VK4SIX 59 # W VK4GNG
07120511 VK4TEL 59 # W VK4GNG
07120520 VK4APL 55 # & 0738 W VK4GNG
07130500 VK4KK, VK4AR EL3NE/1
07180240 VK4KPS EL3NE/1
07180415 VK4KK EL3NE/1
0718XXXX VK4GPS, VK4JKL EL3NE/1

AUSTRALIA-VK5

07120240 VK5BC EL3NE/1
0716XXXX VK5AYD EL3NE/1

AUSTRALIA-VK6

08040530 VK6JJ > QM05 cw 50.112 H JA1VOK
08060529 VK6JJ OF88 > PM97 50.112 C JA0GLM

AUSTRALIA-VK8

07120355 VK8VF 419 # -0405 B VK4GNG
07120450 VK8RAS 519 # B VK4GNG
07120555 VK8RAS 599 # >0610 B VK4GNG

AUSTRALIA-VK9

0713XXXX VK9YQS LORD HOWE IS VK4
0714XXXX VK9YQS & BY EL3BN EL3AAU

GUAM

08140647 KH2JU > QM05 sabb 50.125 S JA1VOK
08140708 KH2JU > QM17 sabb 50.125 S JD1BJP
08140710 KH2JU > QM00 sabb 50.125 S J01PSX/7
08140719 KH2JU > PM94 sabb 50.125 S JH2COS
08140754 KH2JU > PM90 sabb 50.255 S JK7IKU/7
08140847 KH2D > QM05 cw 50.110 S JA1VOK

HAWAIIAN IS.

07241300 KH6HME tr VY WEAK 144.071 B K6QXY
07310740 KHON 2 HI -1130 55.26 V SK1AA
07310740-KHVC 3 HI WAILUKU 61.25 V SK1AA
07310740-KHCB 2 HI HILO 55.25 V SK1AA
07310740-KITV 4 HI HONOLULU 67.24 V SK1AA
08010620 KHON 2 HI -1200 55.26 V SK1AA
08020850 KHON 2 HI -1200 55.26 V SK1AA
08031100 KHBC 2, KGMV, KITV WEAK V SK1AA
08031100 KHON 2 HI -1210 55.26 V SK1AA
08040655 KHON 2 HI -1320 55.26 V SK1AA
08041100 KAITV 7 HI 8, 9, 10 V SK1AA
08041100 KGMV 3 HI, 4, 5 V SK1AA
08050635 KHON 2 HI -0955 55.26 V SK1AA
08050635-KHBC 2 HI, 3, 4, 5 V SK1AA
08050926 KAITV 7 HI WAILUKU 175.25 V SK1AA
08051142 KHON 2 HI -1242 55.26 V SK1AA
08051400 KHON 2 HI -1600 55.26 V SK1AA
08071040 KHON 2 HI -1140 55.26 V SK1AA
08080920 KHON 2 HI -1235 55.26 V SK1AA
08090833 KHBC 2 HI, 3, 4 55.25 V SK1AA
08090833 KHON 2 HI -1053 55.26 V SK1AA
08090833-KH6HME WEAK 50.062 B SK1AA
08121120 KH6F WEAK 50.066 B SK1AA
08121120 KH6HME WEAK 50.062 B SK1AA
08121120 KHON 2 HI -2020 55.25 V SK1AA
08130700 KHBC 2 HI 3, 4 55.25 V SK1AA
08130700 KHON 2 HI -1240 55.26 V SK1AA
08130700-KH6F WEAK 50.066 B SK1AA
08130700-KH6HME WEAK 50.062 B SK1AA
08140710 KHON 2 HI -1140 55.26 V SK1AA
08141430 KHON 2 HI -1450 55.26 V SK1AA
08150720 KHON 2 HI -1110 55.26 V SK1AA
08150746 KHON 2 HI -1326 55.26 V SK1AA
08160039 KH6HME 349 tr >CM87 144.17 B K6FV
08160520 KH6HME 599> (17)0705 144.17 B K6FV
08170724 KHON 2 HI -1154 55.26 V SK1AA
08170730-KHBC 2 HI, 3, 4, 5, 6, 7, 9 V SK1AA
08171500 KHON 2 HI -1510 55.26 V SK1AA
08180838 KHON 2 HI -1048 55.26 V SK1AA
08200720 KHON 2 HI -1250 55.26 V SK1AA
08201030 KH6HME HI 50.062 B SK1AA
08201030-KAIM HI HONOLULU 95.5 F SK1AA
08201030-KGMV 3 HI, 4, 5, 6, 7, 9 V SK1AA
08210723 KHON 2 HI -0923 55.26 V SK1AA
08220553 KHON 2 HI-0603a1115-1215 V SK1AA
08230600 KHON 2 HI-1600 XCEPT OFF V SK1AA
08230500-KHBC 2 HI 3, 4, 5, 7 V SK1AA
08240725 KHON 2 EX -1245 V SK1AA
08240830-KGMV 3 HI 4, 5, 7 & 2 HILO V SK1AA

MINAMI TORI SHIMA IS.

08030817 JD1BIY QL64 > QM05 50.110 S JA1VOK
08060847 JD1BIY QL64 > PM95 50.221 S JH1WBS

NEW CALEDONIA

0713XXXX FK8GM & BY VK5BC VK3OT
07140320 FK8GM # W VK4BKM
07160540 FK8GM EL3NE/1

NEW ZEALAND

07010200 EL2AGI # VK3ALM
07120120 EL3NE 55 # CLG CQ 50.110 H VK4GNG

OGASAWARA IS.

07310500 JD1ADP/b > PM07 cw 50.013 B JA3JTG
07311115 JD1ADP/b > QM05 cw 50.013 B JA1VOK
08010112 JD1ADP/b > PM85 cw 50.013 B JE2DWE
08040715 JD1ADP/b > QM05 cw 50.013 B JA1VOK
08040840 JD1BJP > QM05 sabb 50.110 H JA1VOK
08061130 JD1ADP/b > PM76 cw 50.013 B JA3JTG
08061135 JD1BJP > PM76 sabb 50.120 H JA3JTG
08062220 JD1ADP/b > QM05 cw 50.013 B JA1VOK
08062330 JD1ADP/b > PM76 cw 50.013 B JA3JTG
08080738 JD1BJP > PM84 sabb 50.225 S JE2DWE/2
08090710 JD1BJP > PM95 sabb 50.110 H JE1TGN

PHILLIPINES

08170127 DU1/W1AWR> QM05 50.110 C JA1VOK

VANUATU: ZL1MQ passes along the information that YJ8GM is now QRV on 50 MHz as ZL1GTB from Auckland.

Reports of South America

ARGENTINA

07192017 LU5JAU 36 tr 50.110 S LW5EJU
07202158 LU5JAU 39 tr 50.110 S LW5EJU
07212214 LU5JAU 53 tr 50.110 S LW5EJU
07232220 LU5JAU 55 QSB tr 50.110 S LW5EJU
07272100 LU5JAU 59+tr 50.110 S LW5EJU
07281749 LU5JAU 59+tr 50.110 S LW5EJU

QSL Information

TG9SO: Roberto Segovia, Apartment M-135, 17805 NW 79th Ave., Miami, FL 33126.

CO2OJ: Oscar Morales Jr., POB 6060, Habana 6, CUBA 10600.

C6AIE: QSL via John Walker, WZ8D

VA7SKI: (CO80) Blackcomb Mtn Expedition, #11-758 Riverside Drive, Port Coquitlam, British Columbia, V3B 7V8 CANADA

UX0FF: QSL via OE5EIN

UR4LL: QSL to DF6NA, Rainer All-
raun, Trautenaue Str 12, 97074
Wuerzburg, GERMANY.

CT1FAK: QSL via CT1GY

YL1A/A: via ES5RY, Tom Soomets,
P O Box 177, EE2400 Tartu, ESTONIA.

LZ2FT: QSL via I8YGZ.

T98TFA: QSL via LA5TFA

HB0/DK0FTG: via Matthias Schneider,
Radicke Str 8, D-21079, Hamburg,
GERMANY.

4L6PA: via PA0TLX, P O Box 2010,
1186 E A Amstelveen, The Netherlands

5A1A: (operator Abubakar) Box 74421,
Tripoli, LIBYA (Registered mail
recommended).

OH0MB: (Market Reef Aug 1-4) via
Seppo Sisatto, Lansirinteenkatu 23, FIN-
33400 Tampere, FINLAND.

Beacon News

Silent W/VE Beacons? The beacon list keepers in the UK ask us to check whether we've heard any of these beacons recently or are sure of their current status.

50061 N4TWX	50073 WA4WTC
50062 WA8R	50074 KB6BKN
50065 WD7Z	50075 WA4IOB
50067 KD4LP	50075 NL7XM/2
50067 KA5FYI	50075 WR7V
50070 N4LTA	50077 VE3DRL
50071 KA5BTP	50077 WB2CUS
50072 KS2T	50078 W8UR
50072 KW2T	50082 WA7AQV

Respond to poa01@keele.ac.uk or to this bulletin if you do not have Internet access.

Canada, VE1: GJ4ICD notes: "William Lone has put up another VE1SMU beacon. Here are the details: VE1SMU, 50.001 CW 40 Watts 3-el Yagi due east.

This one should be excellent for Europeans listening for North Americans, as it will fill in a gap between VO1ZA and W2CAP/1, the two most-cited beacons in Europe. Grid FN84 (Halifax). Please send reports to VE1SMU, callbook address or e-mail w1one@shark.stmarys.ca.

Canada: VE8: GJ4ICD notes: VE8SIX beacon is active full-time from CP38 running 85 Watts to an H-double bay antenna beaming north-south. Reports have been received from as far south as CM88, but no reports from over the pole yet (July 14).

Greenland: SM7AED writes in his August 1996 newsletter that "OX3RA told OX3LX/OZ1DJJ the other day, that he has had the TX to OX3VHF on his desk for some weeks. The TX is faulty and without power and antenna.

Great Britain: GJ4ICD notes that GB3NHQ came back on the air July 16 around 1700Z.

Vatican: GJ4ICD's On-Line Six Meter Magazine noted on August 6 that the HV3SJ beacon on 50.004 was temporarily QRT for repair... de IOJX

Namibia: GJ4ICD notes: "After a long delay the V51VHF beacon is back on the air. The beacon has been completely rebuilt by myself. It runs at 60 watts to 5/8 vertical, V51VHF LOC JG87, 50.018 MHz. Reports to V51DM, Derek Moore, PO BOX 22951, Windhoek, Namibia, or e-mail dpbm@iwwn.com.na"

Australia: From VK3OT relayed by JA1VOK: The VK3SIX beacon (QF02) will be transmitting on 50.053 with 50 W output and 9 el beaming JA from Sept 1 to Nov 30 and from March 1 to April 30 (1997). The beacon will be beamed at ZS during the summer Es season from Dec. 1 to Feb. 28 (1997) however.

The VK3RMV beacon (QF12) will be transmitting on 50.0535 with 15 W and 1/4 + 1/2 Collinear from May 1 to Aug. 31 (1997).

4L6PA Georgia SIXpedition

from August 1996 6-metre info

On Friday June 28, The Crew returned safely in Amsterdam. Tjerry PB0ANX who returned a week earlier due to other commitments, welcomed us at the gate. From him we got the first enthusiastic reactions that were received via packet and Internet. We slowly started to realize that the operation was a great success.

During the 13 days that 4L6PA has been QRV from Georgia, we managed to make over 500 QSOs into 41 different countries, including CT3, JA, and VS6. Despite the poor conditions in Europe, we worked almost all major European countries, CT, GI, GM, and GD were not worked, probably because of their distances of over 40000 km, for which exceptional conditions must exist to be able to work them. Some 'easy' countries such as ES, YL and LY for which one single Es-hop would have been enough, however also did not work; we did not even hear any beacons from these areas. A full report on our DXpedition including more photos and extracts of our log will be published in the next issue of *Six News*, the magazine of the UK Six Metre Group, who was our main sponsor.

Omari, 4L50, turned out to be a perfect host who helped us with many practical things. Although he had always been a pure HF-guy, he gradually got more and more enthusiastic about 6 meters. We therefore decided to donate him the 5 element beam and antenna rotator, so that he has now a complete 6m station (the only thing he still needs is a power supply, but we are sure he will manage to find a solution for this). Omari will try to arrange a 6m license on his own call, 4L50, as soon as this is settled, so perhaps we will be able to work him already this Es-season!

For us, this D-SIX-pedition was an unforgettable experience. We hope we have served many amateurs by enabling them to work a new country. We would like to thank the UKSMG for their substantial support, ICOM for a 6m set that worked reliably even under difficult circumstances, George PA3DYY of GB-Antennas who supplied a perfectly-matched and tuned antenna, Bert PA3DWD and Cor PA9COR who formed the link to our home-front, Emio PA0ERA, the dungeon-keeper who maintained the Georgia home-page on Internet, Frank PA3BFM, who gave us a lot of advice and support, the Georgian Ministry of Telecommunications who gave us, 6 meter enthusiasts, a chance to experiment on this band and, of course Omari, 4L50, without whom all this would never have been possible. Last, but not least, we need to thank all those amateurs who endlessly listened to the noise until they finally heard our signal (and some even not...) for their patience and effort trying to work us. Without these SixManiacs, a D-SIX-pedition as this one would never have been successful! On behalf of the 4L6PA crew, 73 de Allard PE1NWL.

Pacific N.W. Conference

The annual Pacific NW VHF/UHF Conference will be held Sat, September 21, 1996 in Oregon City, Oregon.

Friday night hospitality room, 1900 Sat breakfast, (location yet to be determined) 0700-0900 Coffee, rolls and snacks will be provided at the Convention Room. 0930-1130 speakers.. W7PUA, W7ZOLKK7B, N7ART and NC7K 1130-1300 lunch break. 1300-1500, program. 1500-1700 eyeball QSO etc. 1830-222 dinner (location yet to be determined). group rate discount at Value Inn, for more info call or write..

Jim Christiansen (K2ND) tel (206) 549-4062
PO Box 147
Fox Island Wa 98333

E-MAIL kd7ts@mail.prostar.com

PackRats VHF Conference

The Mid Atlantic States (PackRats) VHF Conference will be held at the Horsham Days Inn in Horsham, PA, just north of Philadelphia on Saturday, Oct. 5. On Sunday the PackRats' Hamarama hamfest will be held at the Bucks County Drive-in, a few miles north in Warrington, PA. For more information, contact John Sorter, KB3XG, Conference Chairman, at 1214 N. Trooper Rd., Norristown, PA 19403, or call (610) 584-2489 or send e-mail to JohnKB3XG@aol.com.

The Internet Survey

(Continued from page 1)

1. Limit the DX Window to the original convention per N5JHV's comments and accurate historical record. 37
2. Limit the DX Window to international DX only. 15
3. Limit a special segment of the band to Extra Class License holders only 8
4. Increase DX Window to 50.100-50.200 and keep domestic above 50.200 with new 50.200 or 50.225 domestic calling frequency. 30
5. Dedicate a portion of the band to long-haul (2 or 3 hop) contacts that are not defined as DX by the convention: 2
6. Increase the DX Window as above, but below 50.100. 2
7. Create a "stealth window" higher/lower in the band and pass the word. 3
8. Move the DX window to 50.000-50.100 (eliminating the present CW band), beacons to 50.100-50.150, and the general operating to >50.150 2

9. We need a 6m frequency **above 50.200** to be used for following the MUF and arranging 2m skeds. 1
10. Yes, we need to do something, but I'm not sure what: 1

The winner was the Original Convention with 37 points; but 63% of the points were cast for some other alternative clearly indicating that the overwhelming majority wish to see some sort of change. One common response was "Let's spread the word about proper operating practices on six meters."

RF Exposure limits

Does your 6m rig put out more than 50 Watts PEP? If so, you'll be interested in this.

At the FCC Open Meeting on Thursday, August 1, the Commission adopted a Report and Order in ET Docket No. 93-62 concerning Guidelines for Evaluating the Environmental Effects of Radiofrequency Radiation.

Section 97.13 is amended by adding paragraph (c) to read as follows:

97.13 Restrictions on station location.

* * * * *

(c) Before causing or allowing an amateur station to transmit from any place where the operation of the station could cause human exposure to levels of radiofrequency (RF) radiation in excess of that allowed under 1.1310 of this chapter, the licensee is required to take certain actions. A routine RF radiation evaluation, as discussed in 1.1307(b) of this chapter, is required if the transmitter power exceeds 50 watts peak envelope power; otherwise the operation is categorically excluded from routine RF radiation evaluation except as specified in 1.1307(c) and 1.1307(d) of this chapter. Where the routine evaluation indicates that the RF radiation could be in excess of the limits contained in 1.1310 of this chapter, the licensee must take action to prevent such an occurrence. Further information on evaluating compliance with these limits can be found in the FCC's OST/OET Bulletin Number 65, "Evaluation Compliance with FCC-Specified Guidelines for Human Exposure to Radiofrequency Radiation."

3. Section 97.503 is amended by revising paragraphs (b)(1), (b)(2), and (b)(3), and adding paragraph (c)(10) to read as follows:

97.503 Element standards.

* * * * *

(b) * * * *

(1) Element 2: 35 questions concerning the privileges of a Novice Class operator license. The minimum passing score is 26 questions answered correctly.

(2) Element 3(A): 30 questions concerning the privileges of a Technician Class operator license. The minimum passing score is 22 questions answered correctly.

(3) Element 3(B): 30 questions concerning the privileges of a General Class operator license. The minimum passing score is 22 questions answered correctly.

(c) * * * *

Topics: Element: 2 3(A) 3(B) 4(A) 4(B)

* * * * *

(10) Radiofrequency environmental safety practices at an amateur station 5 5 5 0 0

Table 1. Limits for Maximum Permissible Exposure (MPE)
(A) Limits for Occupational/Controlled Exposure

Frequency Range (MHz)	Electric Field Strength (V/m)	Magnetic Field Strength (A/m)	Power Density (mW/cm ²)	Exposure (minutes)
0.3-3.0	614	1.63	(100)*	6
3.0-30	1842/f	4.89/f	(900/f ²)*	6
30-300	61.4	0.163	1.0	6
300-1500	--	--	f/300	6
1500-100,000	--	--	5	6

f = frequency in MHz

* = Plane-wave equivalent power density

(B) Limits for General Population/Uncontrolled Exposure

Frequency Range (MHz)	Electric Field Strength (V/m)	Magnetic Field Strength (A/m)	Power Density (mW/cm ²)	Exposure (minutes)
0.3-1.34	614	1.63	(100)*	30
1.34-30	824/f	2.19/f	(180/f ²)*	30
30-300	27.5	0.073	0.2	30
300-1500	--	--	f/1500	30
1500-100,000	--	--	1.0	30

f = frequency in MHz

* = Plane-wave equivalent power density

NOTE 1 TO TABLE 1: Occupational/controlled limits apply in situations in which persons are exposed as a consequence of their employment provided those persons are fully aware of the potential for exposure and can exercise control over their exposure. Limits for occupational/controlled exposure also apply in situations where an individual is transient through a location where occupational/controlled limits apply provided he or she is made aware of the potential for exposure.

NOTE 2 TO TABLE 1: General population/uncontrolled exposures apply in situations in which the general public may be exposed, or in which persons that are exposed as a consequence of their employment may not be fully aware of the potential for exposure or can not exercise control over their exposure.

-----End of excerpts from ET Docket No. 93-62-----

These regulations are to go into effect January 1, 1997. Installations that exceed these limits include: 100 Watts into a 146 MHz whip on the roof of a car, with people leaning against the car, and 500 Watts into a 5-el 50 MHz Yagi on a 20' mast for a distance of 20' in front of the antenna.

The standards for RF safety that amateurs (and other FCC licensees) will be required to meet are a combination of the 1992 ANSI/IEEE standards and somewhat stricter standards developed by the National Council for Radiation Protection and Measurement. The standards establish limits for human exposure to RF fields; the permissible field strength (or "power density") varies by frequency. The lowest power density is allowed in the 30-300 MHz range. At those frequencies, the exposure limit is 1.0 milliwatt per square centimeter in "controlled environments" (averaged over any six-minute period) and 0.2 milliwatts per square centimeter in "uncontrolled environments" (averaged over any 30-minute period). Amateurs' own households will fall under the standards for controlled environments, while RF fields in other areas such as neighbors' homes must not exceed the stricter limits that apply in uncontrolled environments.